



**Addendum #1**

**SOIL AND  
CONCRETE  
WALKWAY PCB  
REMEDIATION  
PLAN**

**Harvard Business  
School**

**125 Western Ave  
Boston, Massachusetts**

**Project No. 223947**

**125 Western Ave**

**April 2011**

**woodardcurran.com**  
COMMITMENT & INTEGRITY DRIVE RESULTS

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## 1. INTRODUCTION

This Soil and Concrete Walkway PCB Remediation Plan (Plan) has been prepared by Woodard & Curran (W&C) on behalf of the President and Fellows of Harvard College (Harvard) to comply with U.S. Environmental Protection Agency (EPA) requirements under 40 CFR 761.61. This Plan concerns the Site referred to as 125 Western Ave (the Site) on the Harvard Business School campus in Boston, Massachusetts. Concurrent with this PCB Remediation Plan submittal, a Release Abatement Measure (RAM) Plan for the management of PCB impacted soils has been submitted to the MassDEP as required by the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000).

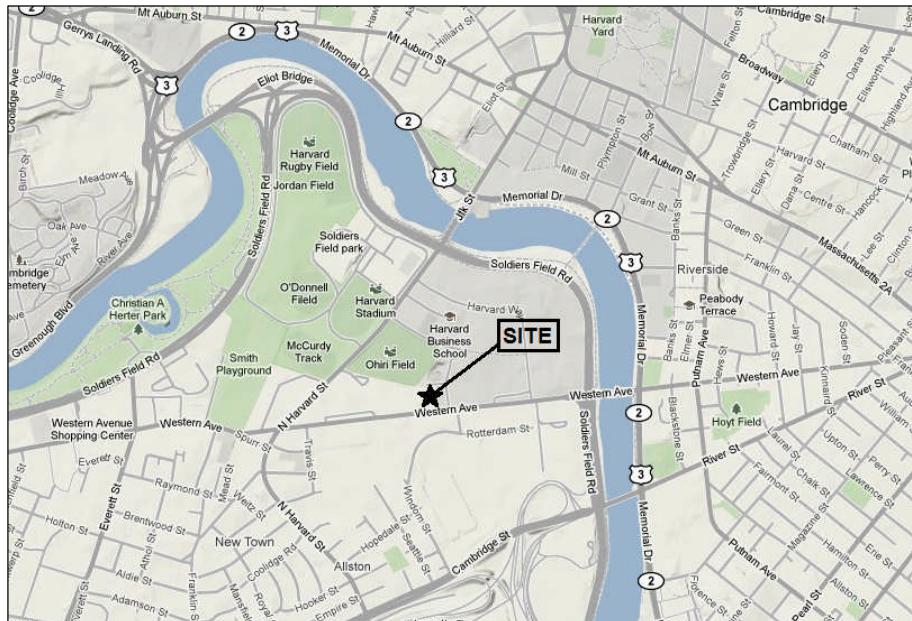
The subject of this Plan is the excavation and management of soils and concrete walkways impacted polychlorinated biphenyls (PCBs), and has been prepared as an addendum to the PCB Remediation Plan submitted to EPA on March 31, 2011 for this Site. The PCB-impacted soils are located in a narrow band surrounding the perimeter walls of the existing building and the source of the PCBs is PCB-containing caulk used on the exterior of the building. This remediation is being conducted as part of an overall site renovation project, which includes the partial demolition and renovation of the existing site structure. The exterior ground surface component of the renovation work includes removal of certain existing paved ground surfaces (pavement, concrete, etc.); regrading and excavating soils to support new ground surface coverings, landscaping, and utilities; and restoring select ground surfaces with landscaping or pavement.

### 1.1 BACKGROUND

The building located at 125 Western Avenue in the Allston neighborhood of Boston was originally constructed in the early 1960's, and was used as the television and radio studio for the WGBH broadcasting network from August 1963 until September 2007. The building is now vacant and accessed is restricted by a continuous chain link fence surrounding the parcel (e.g., active construction site with controlled access). The three-story building is constructed primarily of poured concrete and concrete masonry unit (CMU) block. Surrounding ground surfaces are generally flat in elevation and consist of concrete or grass-covered soils.

**Figure 1-1: Site Locus Map**

The building is located on the northern side of Western Avenue at the southwest corner of the Harvard Business School campus, and southeast of Harvard's athletic fields. The Site is located on a 2.1-acre parcel at 42°21'51" N latitude and 71°07'27" W longitude. A Site Locus Map of the surrounding area is provided as Figure 1-1 at right.





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## 1.2 CONCEPTUAL SITE MODEL

Certain joint caulking used as part of standard construction practices for masonry buildings and concrete structures erected between the 1950's and late 1970's is known to have been manufactured with PCBs. PCBs were added to caulking for durability, resistance to degradation, and as a softener/plasticizer for application. Due to the porous nature of concrete and other masonry surfaces, PCBs in caulking may sometimes penetrate into adjacent materials during application or over time, may sometimes leach or weather, and/or may be disturbed during renovations or other work. Production and approved usage of PCBs was halted in the United States in the late 1970s. As indicated above, the building at 125 Western Avenue was constructed during this 1950's to late 1970's time period.

At the onset of the project, caulking was observed along the building walls and at select ground level joints within concrete walkways. Given the potential for this caulking to contain PCBs (due to a 1963 original construction date) and the knowledge that it would be disturbed during the work, samples were collected to meet proper regulatory management and disposal requirements. Caulking samples were collected for PCB analysis from joints between building features and concrete walkways; some of these results were reported with detectable concentrations of PCBs ranging from 0.7 to 110,000 parts per million (ppm).

Upon discovery of PCBs in the joint caulking and given that existing soils were scheduled for disturbance and regrading, soils in planned excavation areas adjacent to the building were tested for PCBs to determine whether PCBs had migrated from the caulking into soils in these "worst-case" areas. The initial data was received on April 1, 2011, with PCBs reported at concentrations up to 8.3 ppm. These results triggered a 120 day reporting condition for the Site under 310 CMR 40.0315, and the MassDEP was notified via a Release Notification Form (BWSC-103). Subsequent soil data was reported with PCB concentrations up to 37 ppm. Additional delineation soil sampling is ongoing, as described in the body of the report. However, the renovation project is under a fast-track schedule in order to allow completion this Summer/Fall. As such, subsurface work is currently behind schedule and will be proceeding upon submittal of this plan.

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## 2. CHARACTERIZATION ACTIVITIES

### 2.1 SITE INVESTIGATION

As of April 13, 2011, 154 soil samples and 11 concrete samples have been collected and analyzed to aid in determining the nature and extent of PCB-affected ground surfaces. Sample locations were selected initially based on “worst-case” locations (i.e., samples were collected along the building foundation or beneath the facades with caulking to characterize those locations most likely to be impacted by PCBs from the building caulking). After characterizing these worst-case locations along a sampling grid as prescribed by Subpart N guidelines under 40 CFR 761, vertical and lateral delineation samples were collected to determine the extent of PCBs.

The characterization samples collected in support of this Plan were analyzed by Con-Test Analytical Laboratory of East Longmeadow, Massachusetts (Con-Test). Samples were placed in laboratory supplied containers, logged on a standard Chain-of-Custody (COC), and stored on ice for delivery to the laboratory. Samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs using USEPA Method 8082.

A summary of the work completed, separated by building façade elevation, is provided in the sections below. A Site Plan depicting characterization sample locations collected to date is provided as Figure 2-1. A summary of the analytical results is presented as Table 2-1. The laboratory analytical reports and data validation summaries are included in Appendix A.

#### 2.1.1 East Façade Soils

Unpaved soils along the east façade of the building were characterized first due to the sequencing of the project work schedule. The initial set of samples was collected at two depths along the building foundation or facade to characterize the potential worst-case soils for PCBs. Samples were collected in pairs at intervals of 0-3 inches and 6-9 inches below ground surface (bgs). A total of 40 samples (20 pairs) were collected on a 10-foot laterally spaced grid along the 193-foot length of the east façade. The results of these samples are summarized below:

- PCBs > 1 ppm: 30 (75% of the samples); 17 of the 20 sample locations (85% of the locations)
- PCBs > 2 ppm: 20 (50% of the samples); 13 of the 20 locations (65% of the locations); triggered initial exceedance of RCS-1 criteria and a 120-day reporting condition
- Average Concentration: 2.67 ppm
- Max value: 8.3 ppm
- Min value: 0.13 ppm

In comparison to the applicable regulatory criteria, certain soils along this façade exceed EPA's unrestricted use cleanup level of 1 ppm under 40 CFR 761.61. Assuming the source of the PCBs is the building caulk, then the soils are considered a PCB Remediation Waste and their management and disposal are regulated under 40 CFR 761. Certain soils also exceed the MCP reporting condition of 2 ppm (RCS-1 criteria) and meet a 120 day reporting condition under 310 CMR 40.0315. Soil excavation and disposal are regulated under EPA and the MCP, which has led to the preparation of this RAM Plan prior to soil excavation.

Based on the results presented above, a second round of samples was collected to delineate vertical migration below the first set of samples (i.e., 9 samples collected at intervals of 12-15 inches bgs at the building foundation or facade) as well as laterally beyond the first set of samples (i.e., 9 pairs of samples collected at a 10 foot lateral distance at

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depth intervals of 6-9 inches and 12-15 inches bgs). Given the similarity between the 0-3 inch and 6-9 inch samples during the initial event and the planned excavation lifts (6 inch minimum), samples collected from the 10 foot lateral distance were collected from 6-9 inch and 12-15 inch depth intervals. The results of these samples are summarized below:

- PCBs > 1 ppm: 5 of the 9 samples analyzed from the 12-15" depth at the building foundation or facade; and, one sample at a lateral distance of 10 feet from the building at a depth interval of 6-9 inches bgs.
- PCBs ≤ 1 ppm: 4 of the 9 samples analyzed from the 12-15" depth at the building foundation or facade; and, 17 out of 18 samples at the 10 foot laterally distant sample line.

Based on the second round of east façade soil data, one additional sample was collected to complete the lateral delineation of the impacted soil area in an eastward direction (i.e., beyond the single sample reported with PCBs > 1 ppm at a lateral distance of 10 feet from the building). This sample was collected from 0-3 inches bgs at a distance of 20 feet from the building (beyond sample pair -162/-163) and was reported as non-detect for PCBs, as PCBs were not detected above the laboratory's minimum reporting limit of 0.12 ppm, completing the lateral delineation away from the building. As such, the lateral extent of PCBs over 1 ppm has been delineated along the east façade to a lateral distance of 10 feet along the majority of the façade, and to a lateral distance of 20 feet from the building at one location as shown on Figure 2-1.

To complete the vertical delineation, characterization samples were collected from depth intervals of 24-27 inches bgs at six locations along the east façade building foundation or facade where PCBs are present at concentrations greater than or equal to 1 ppm at the 12-15 inch depth interval. These samples were reported with PCBs ranging from non-detect concentrations (< 0.12 ppm) up to 0.24 ppm, confirming that PCB concentrations decreased below 1 ppm at a maximum depth of 24 inches bgs along these portions of the façade.

Based on the results presented above, the vertical and lateral delineation of PCBs > 1 ppm in soils is complete along the east façade. PCBs > 1 ppm appear to be limited to a vertical depth of 24 inches bgs along the building facade, and to a maximum lateral distance of 20 feet east of the façade.

## 2.1.2 South Façade Soils

Unpaved soils along the south façade are present within a curbed landscaping bed surrounded by a concrete walkway. The northern edge of the landscaping bed is located ten feet south of the building foundation at ground level, and is located two feet south of the building's outermost facade at roof level along this elevation. Samples were collected in pairs at intervals of 0-3 inches and 6-9 inches bgs. A total of 20 samples (10 pairs) were collected on a 10-foot laterally spaced grid along the 94-foot length of the landscaped area. The results of these samples are summarized below:

- PCBs > 1 ppm: 9 (45% of the individual samples); 8 of the 10 sample locations (80% of the locations)
- PCBs > 2 ppm: 0 individual samples, 0 locations
- Average Concentration: 1.08 ppm
- Max value: 1.99 ppm
- Min value: 0.35 ppm

Similar to the east façade soils, certain soils along this façade exceed EPA's unrestricted use cleanup level of 1 ppm under 40 CFR 761.61; assuming the source of the PCBs is the building caulk, then the soils are considered a PCB Remediation Waste and their management and disposal are regulated under 40 CFR 761.

Based on the results presented above, a second round of samples was collected to delineate vertical migration below the first set of samples at two locations (i.e., depth intervals of 12-15 inches bgs at locations where the 6-9 inch sample was reported with PCBs > 1 ppm). Only two locations were sampled because the soils in this area appeared to be undisturbed, and PCB concentrations were relatively low (max of 1.99 ppm). Because soil demonstrated a decreasing trend with increasing depth, and decreased below 1 ppm at 7 of 10 locations in the 6-9 inch interval, two 12-15 inch depth samples were collected to confirm this assessment. These samples were reported with PCBs at 0.31 and 0.69 ppm, confirming that PCB concentrations decreased below 1 ppm at a depth of 12 inches bgs in this area.

Second round samples were also collected laterally beyond the first row of samples to delineate the horizontal extent of PCBs. Five individual samples were collected at a 10 foot lateral distance at a depth interval of 0-3 inches bgs. The results of these samples were reported with PCBs ranging from 0.36 to 0.73 ppm, confirming that PCB concentrations decreased below 1 ppm at a maximum lateral distance of 10 feet south of the landscaped area boundary along this portion of the façade.

Given these results and the presence of caulking in select seams of the granite curbing around the landscape bed on the southwest portion of the façade, additional soil samples were collected from this location (see Figure 2-1). Sample results are pending from the laboratory as of the date of this plan submittal.

Based on the results presented above, the vertical and lateral delineation of PCBs > 1 ppm in soils is complete within the landscape bed on the southeast portion of the facade. PCBs > 1 ppm appear to be limited to a vertical depth of 12 inches bgs and to a maximum lateral distance of 10 feet from the nearest unpaved soils in the landscaped area.

#### 2.1.2.1 South Façade Concrete

Concrete ground surfaces along the south façade of the building were assessed for the presence of PCBs if caulking was observed to be present on the concrete surface itself (i.e., joints between the seams of adjacent pads, or joints between a pad and the building foundation).

For select portions of the concrete (e.g., the concrete walkway portion east of the front lobby), the frequency of caulking and the potential level of effort and cost that would be required to properly test, sawcut and segregate the concrete led to the decision to assume that these sections of the concrete would be managed for off-site disposal with the caulking as PCB waste  $\geq$  50 ppm.

For portions of the concrete walkway where the presence of caulking was not observed, samples were collected to characterize the level of PCBs present and to aid in developing a “cut-line” approach to segregate the concrete into PCB wastes vs. general demolition debris not impacted by PCBs. Samples were collected on a 10-foot laterally spaced grid along a portion of the south façade.

As shown on Figure 2-1, six out of nine samples were reported with PCBs  $\leq$  1 ppm in these areas (concentrations ranging from 0.11 to 2.0 ppm; average of 0.73 ppm). As a result, additional concrete samples will be collected from the concrete surface at points south of the three samples where PCBs were reported > 1 ppm to complete the delineation of PCBs in this area. These additional samples will be collected one additional pad width to the south of the prior sample locations in order to be located further from the source material present along the edge of the building. Once delineation is complete, the concrete will be removed and segregated for disposal as PCB waste  $\geq$  50 ppm or as general demolition debris.

Following concrete removal in the areas where the concrete will be managed for disposal as PCB waste  $\geq$  50 ppm, soils located beneath the concrete will be sampled to determine if PCBs are present since these materials are

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scheduled to be excavated as part of the planned renovation work. This verification process is described further in Section 3.4 of this Plan.

### 2.1.3 West Façade Soils

Unpaved soils along the west façade are present at the northern end (north of a loading dock area) and southern end (outside the mechanical room) of the façade. At these locations, the unpaved soils are present directly beneath an exposed building façade.

The surface adjacent to the central portion of the west façade consists of an elevated concrete loading dock/building foundation, which also serves as the roof for the first floor of this portion of the building. Upon inspection, there was no caulking present on the loading dock at the seam abutting the building foundation, nor was there any caulking present at any joints integral to the surface of the loading dock and this concrete surface is not scheduled to be removed as part of the planned renovations.

Samples were collected from the northern and southern ends of the west façade in the nearest unpaved soils immediately adjacent to the building foundation in order to characterize the potential worst-case soils for PCBs. Samples were collected at intervals of 0-3 inches bgs along a 10-foot laterally spaced grid. A total of 6 samples were collected on the northern portion, and 6 samples were collected on the southern portion of the facade. The results of these samples are summarized below:

- PCBs > 1 ppm: 3 (25% of the samples) – all at northern end
- PCBs > 2 ppm: 3 (same as above)
- Average concentration: 0.96 ppm
- Max value: 3.4 ppm
- Min value: Non-detect (<0.11 ppm)

Soils at the southern end of the west façade (around the mechanical room and south of the loading dock) were non-detect for PCBs or were reported with PCBs ≤ 1 ppm; meeting the unrestricted use cleanup level for PCBs. Given PCB concentrations > 1 ppm at the northern end of the west façade, a second round of characterization samples were collected from beneath and laterally beyond the three samples containing PCBs > 1 ppm.

Three 12-15 inch depth samples were collected to aid in determining the vertical extent of PCB migration at the three northern locations reported with PCBs > 1 ppm. The results of these samples were reported as non-detect in one sample (PCBs < 0.11 ppm), and at 0.19 and 0.21 ppm in the other two samples.

Three 0-3 inch samples were collected at a lateral distance of 10 feet from the building beyond the three locations reported with PCBs > 1 ppm against the building, and an additional three 12-15 inch depth samples were collected below the 0-3 inch samples at a lateral distance of 10 feet from the building. These laterally distant samples were reported with PCBs as non-detect in one sample (PCBs < 0.13 ppm), and at 0.32 and 0.51 ppm in the other two samples from 0-3 inches; at a lateral distance of 10 feet and a depth of 12-15 inches bgs, PCBs were reported as non-detect in two samples (PCBs < 0.11 and <0.12 ppm), and at a concentration of 0.25 ppm in the third sample.

Based on the results presented above, the vertical and lateral delineation of PCBs > 1 ppm in soils is complete along the west façade. PCBs > 1 ppm appear to be limited to a vertical depth of 12 inches bgs along the building foundation, and to a maximum lateral distance of 10 feet west of the façade along the northwestern portion of the facade.

## 2.1.4 North Façade Soils

Unpaved soils along the north façade of the building were initially characterized at two depths beneath caulked joints along the building foundation or facade to characterize the potential worst-case soils for PCBs. Samples were collected in pairs at intervals of 0-3 inches and 12-15 inches below ground surface (bgs). A total of 32 samples (16 pairs) were collected on a 20-foot laterally spaced grid along the 160-foot length of the north façade, corresponding to the caulked joints. The results of the samples are summarized below:

- PCBs > 1 ppm: 15 (47% of the individual samples); 11 of the 16 sample locations (69% of the locations)
- PCBs > 2 ppm: 10 individual samples, 6 locations
- Average Concentration: 3.58 ppm
- Max value: 37 ppm
- Min value: Non-detect (< 0.10 ppm)

Similar to the east façade soils, certain soils along this façade exceed EPA's unrestricted use cleanup level of 1 ppm under 40 CFR 761.61; assuming the source of the PCBs is the building caulk, then the soils are considered a PCB Remediation Waste and their management and disposal are regulated under 40 CFR 761.

Based on the results presented above, the vertical and lateral extent of PCBs > 1 ppm in soil along the north façade is not yet fully delineated. A second round of samples will be collected, including samples at additional depth intervals at previous sample locations and at a lateral distance of 10 feet from the previous locations, prior to excavation in order to confirm the limits of PCBs > 1 ppm in these soils.

### 2.1.4.1 North Façade Concrete

A concrete walkway along a portion of the north façade of the building was assessed for the presence of PCBs where caulking was observed to be present on the concrete surface. Two caulked joints were observed: one joint was located at the end of the concrete pad where it abuts the building foundation near the center of the north façade, and the second joint was located 20 feet west of the first joint between two adjoining pads.

One concrete sample was collected 12 inches west of the caulked joint between the two pads, and a second sample was collected at a point directly beneath the façade where caulked joints were present overhead. Both samples were reported with PCBs  $\leq$  1 ppm at 0.37 and 0.16 ppm, respectively.

Based on these results and the relatively small section of concrete with caulking, the concrete east of the caulked joints is assumed to be impacted by PCBs based on the presence of the two caulked joints, and this concrete will be managed for off-site disposal with the caulking as PCB waste  $\geq$  50 ppm. The remaining concrete will be segregated for disposal at as-found concentrations (PCBs  $\leq$  1 ppm).

Following concrete removal in the area where the concrete will be managed for disposal as PCB waste  $\geq$  50 ppm, soils located beneath the concrete will be sampled to determine the presence of PCBs beneath this portion of the walkway. This verification process is described further in Section 3.4 of this Plan.

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## 2.2 NATURE AND EXTENT SUMMARY

Based on the characterization data collected to date, it appears that PCBs > 1 ppm are limited to select soils within 10 to 20 lateral feet and 1 to 2 feet in depth next to the existing building; no soils contain PCBs above 50 ppm. The maximum detected concentration of PCBs in soil was reported at 37 ppm, and the average concentration is 1.88 ppm. In general, higher concentrations of PCBs were detected in soils located closer to the building, and demonstrated decreasing concentrations with increasing depth and distance from the building. Based on the concentration and distribution of PCBs detected in soils, it is apparent that the caulking on the building facade is the source of PCBs. Assuming that soils surrounding the building constitute a single exposure point location, an average exposure point concentration was calculated based on the 154 soil data points, where non-detect results were averaged at one-half their detection limit. This calculation resulted in an average concentration of 1.88 ppm, which is less than the Method 1 soil standard of 2 ppm for PCBs. As such, the in-place soils represent a condition of No Significant Risk for human receptors per the MCP.

## 2.3 DATA USABILITY ASSESSMENT

Data validation and review was conducted both by W&C and by a third-party validator, Data Check, Inc. of New Durham, New Hampshire. This review included a check of field documentation including sample collection and preservation methods, a check of the laboratory data and documentation, a review of the internal laboratory QA/QC procedures and results including surrogate recoveries, matrix spike and matrix spike duplicate results, blank results, and laboratory control standard results, and an evaluation of sample holding times and field duplicate results. The assessment was performed in general conformance with USEPA Region I Guidelines and the MassDEP Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data. Data Check's data validation summaries are provided with the laboratory analytical reports in Appendix A.

To assess precision, field duplicate samples were collected at an approximate frequency of 1 duplicate sample per 20 primary samples during the characterization sampling activities. Associated sample results were qualified as estimated (denoted with the letter "J" on the analytical data summary tables) if the relative percent differences (RPDs) between the primary and associated duplicate samples fell outside of acceptance criteria (RPD of 50% for solid matrices). Of the eight field duplicate samples collected in association with the data presented in this plan, all eight duplicates met RPD criteria ( $\leq 50\%$  RPD), and no qualifications were applied to the data. Precision was also assessed by examining the RPD between column results in comparison to acceptance criteria (RPD  $\leq 25\%$ ). Column results typically differ in solid matrices due to heterogeneities inherent to the sample matrix. Whether or not the RPD meets acceptance criteria, the laboratory reports the higher of the two column results. Qualifiers were applied to six data points where the 25% acceptance criterion was not met as indicated on Table 2-1. Overall, the data was determined to have an acceptable level of precision.

Accuracy of the analytical data was assessed by reviewing recoveries for matrix spikes (MS), matrix spike duplicates (MSD), surrogates, laboratory control samples (LCS), and laboratory control sample duplicates (LCSD). The MS/MSD analyses met acceptance criteria for RPD with some exceptions as narrated in the data validation summaries; however, no qualifiers were applied to the data. The LCS/LCSD analyses met acceptance criteria for RPD with some exceptions as narrated in the data validation summaries; no samples were qualified as estimated for LCS/LCSD analyses outside RPD acceptance criteria. Overall, the data was determined to have an acceptable level of accuracy.

Representativeness of the data was evaluated qualitatively. Consistent procedures and laboratory analysis of the data were achieved. Sample containers were packed on ice and were accompanied by complete chain of custody forms from the time of sample collection until laboratory delivery. All samples were analyzed within the allowable



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holding time for their respective analyses. No analytes were detected in the laboratory batch blank analysis, indicating that there were no interferences introduced at the laboratory during sample analysis. Field equipment blank samples, collected at an approximate frequency of 1 per 20 primary samples, were non-detect for PCBs in all nine field blank samples.

The data packages were reviewed to ensure that all sample and associated quality assurance results were available. The completeness review indicated that all collected samples were analyzed and all quality control results were available to complete the data validation process.

Based on a review of the existing data, the data adequately represents the materials tested, and the samples collected to date are considered usable for the purposes of characterizing PCB-affected media in accordance with 40 CFR Part 761 and the MCP.

**Table 2-1**  
**Ground Surface Analytical Data Summary**  
**125 Western Ave - Boston, MA**

Media	Distance from Building (feet)	Sample Depth (inches)	Sample Date	Sample ID	Detection Limit (mg/kg)	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs (mg/kg)	Qualifier
<b>East Façade - Samples along building façade</b>										
Soil	0 - drip line	0-3	03/28/11	125-CBS-100	0.24	ND	ND	1.8	1.8	
Soil	0 - drip line	6-9	03/28/11	125-CBS-101	0.45	ND	ND	3.8	3.8	
Soil	0 - drip line	12-15	03/28/11	125-CBS-102	0.11	ND	ND	1.2	1.2	
Soil	0 - drip line	24-27	04/06/11	125-CBS-334	0.12	ND	ND	ND	ND	
Soil	0 - drip line	0-3	03/28/11	125-CBS-106	0.22	ND	ND	1.6	1.6	
Soil	0 - drip line	6-9	03/28/11	125-CBS-107	0.22	ND	ND	1.8	1.8	
Soil	0 - drip line	0-3	03/28/11	125-CBS-109	0.12	ND	ND	0.15	0.15	
Soil	0 - drip line	6-9	03/28/11	125-CBS-110	0.12	ND	ND	0.13	0.13	
Soil	0 - drip line	0-3	03/28/11	125-CBS-112	0.58	ND	ND	4.2	4.2	
Soil	0 - drip line	6-9	03/28/11	125-CBS-113	0.21	ND	ND	1.5	1.5	
Soil	0 - drip line	12-15	03/28/11	125-CBS-114	0.11	ND	ND	0.70	0.70	
Soil	0 - drip line	0-3	03/28/11	125-CBS-127	0.12	ND	ND	0.92	0.92	
Soil	0 - drip line	6-9	03/28/11	125-CBS-128	0.11	ND	ND	0.60	0.60	
Soil	0 - foundation	0-3	03/28/11	125-CBS-130	0.45	ND	ND	5.5	5.5	
Soil	0 - foundation	6-9	03/28/11	125-CBS-132	1.1	ND	ND	8.1	8.1	
Soil	0 - foundation	12-15	03/28/11	125-CBS-133	0.43	ND	ND	2.1	2.1	
Soil	0 - drip line	24-27	04/06/11	125-CBS-336	0.10	ND	ND	0.11	0.11	
Soil	0 - foundation	0-3	03/28/11	125-CBS-137	0.23	ND	ND	1.9	1.9	
Soil	0 - foundation	6-9	03/28/11	125-CBS-138	0.22	ND	ND	2.1	2.1	
Soil	0 - foundation	0-3	03/28/11	125-CBS-146	0.11	ND	ND	0.98	0.98	
Soil	0 - foundation	6-9	03/28/11	125-CBS-147	0.12	ND	ND	1.2	1.2	
Soil	0 - foundation	12-15	03/28/11	125-CBS-148	0.11	ND	ND	1.0	1.0	
Soil	0 - drip line	24-27	04/06/11	125-CBS-338	0.11	ND	ND	0.24	0.24	
Soil	0 - foundation	0-3	03/28/11	125-CBS-152	0.12	ND	ND	0.88	0.88	
Soil	0 - foundation	6-9	03/28/11	125-CBS-153	0.11	ND	ND	1.1	1.1	
Soil	0 - foundation	0-3	03/28/11	125-CBS-158	0.23	ND	ND	2.2	2.2	
Soil	0 - foundation	6-9	03/28/11	125-CBS-159	0.56	ND	ND	4.3	4.3	
Soil	0 - foundation	12-15	03/28/11	125-CBS-160	0.11	ND	ND	1.3	1.3	
Soil	0 - drip line	24-27	04/06/11	125-CBS-340	0.11	ND	ND	0.22	0.22	
Soil	0 - foundation	0-3	03/28/11	125-CBS-164	0.41	ND	ND	3.2	3.2	
Soil	0 - foundation	6-9	03/28/11	125-CBS-166	0.11	ND	ND	1.3	1.3	
Soil	0 - drip line	0-3	03/28/11	125-CBS-172	2.1	ND	ND	8.3	8.3	
Soil	0 - drip line	6-9	03/28/11	125-CBS-173	0.44	ND	ND	3.5	3.5	
Soil	0 - drip line	12-15	03/28/11	125-CBS-174	1.1	ND	ND	6.3	6.3	
Soil	0 - drip line	24-27	04/06/11	125-CBS-342	0.11	ND	ND	0.16	0.16	J
Soil	0 - drip line	0-3	03/28/11	125-CBS-178	1.1	ND	ND	7.5	7.5	
Soil	0 - drip line	6-9	03/28/11	125-CBS-179	1.1	ND	ND	5.9	5.9	
Soil	0 - drip line	0-3	03/28/11	125-CBS-184	0.44	ND	ND	3.8	3.8	
Soil	0 - drip line	6-9	03/28/11	125-CBS-186	0.44	ND	ND	2.3	2.3	
Soil	0 - drip line	12-15	03/28/11	125-CBS-187	0.11	ND	ND	0.71	0.71	
Soil	0 - drip line	0-3	03/29/11	125-CBS-270	0.45	ND	ND	2.6	2.6	
Soil	0 - drip line	6-9	03/29/11	125-CBS-271	0.44	ND	ND	2.7	2.7	
Soil	0 - drip line	0-3	03/29/11	125-CBS-273	0.42	ND	ND	1.8	1.8	
Soil	0 - drip line	6-9	03/29/11	125-CBS-274	0.44	ND	ND	1.2	1.2	
Soil	0 - drip line	12-15	03/29/11	125-CBS-275	0.11	ND	ND	0.43	0.43	
Soil	0 - drip line	0-3	03/29/11	125-CBS-276	0.45	ND	ND	2.4	2.4	
Soil	0 - drip line	6-9	03/29/11	125-CBS-277	0.44	ND	ND	0.54	0.54	
Soil	0 - drip line	0-3	03/29/11	125-CBS-279	0.44	ND	ND	5.4	5.4	
Soil	0 - drip line	6-9	03/29/11	125-CBS-280	0.42	ND	ND	4.7	4.7	
Soil	0 - drip line	12-15	03/29/11	125-CBS-281	0.44	ND	ND	4.7	4.7	
Soil	0 - drip line	24-27	04/06/11	125-CBS-344	0.11	ND	ND	0.23	0.23	
Soil	0 - drip line	0-3	03/29/11	125-CBS-282	0.45	ND	ND	0.88	0.88	
Soil	0 - drip line	6-9	03/29/11	125-CBS-283	0.43	ND	ND	2.5	2.5	
Soil	0 - drip line	0-3	03/29/11	125-CBS-285	0.44	ND	ND	0.99	0.99	
Soil	0 - drip line	6-9	03/29/11	125-CBS-286	0.44	ND	ND	0.67	0.67	

**Table 2-1**  
**Ground Surface Analytical Data Summary**  
**125 Western Ave - Boston, MA**

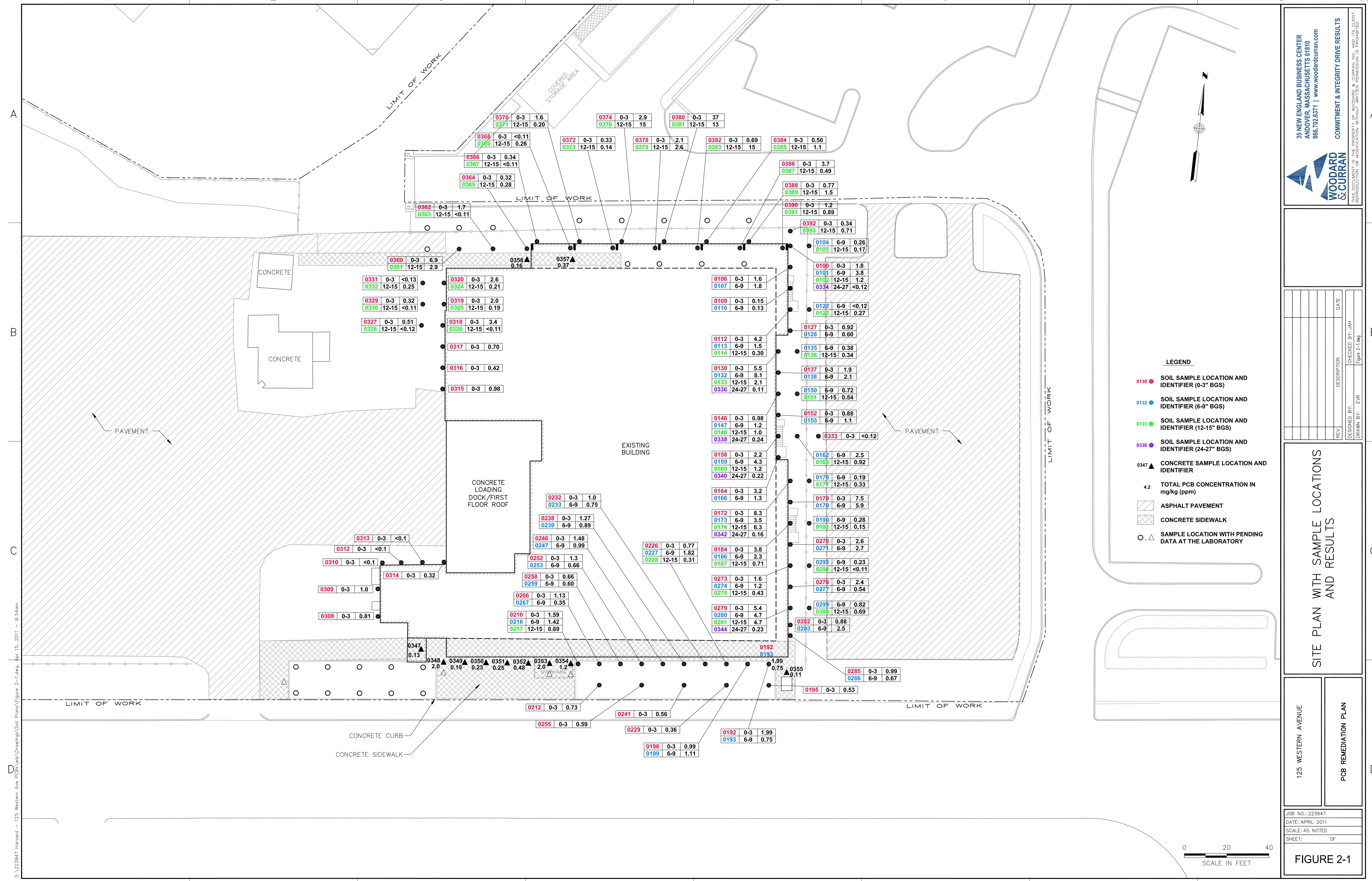
Media	Distance from Building (feet)	Sample Depth (inches)	Sample Date	Sample ID	Detection Limit (mg/kg)	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs (mg/kg)	Qualifier
<b>East Façade - Samples distant from building façade</b>										
Soil	10 - drip line	6-9	03/28/11	125-CBS-104	0.11	ND	ND	0.26	0.26	
Soil	10 - drip line	12-15	03/28/11	125-CBS-105	0.11	ND	ND	0.17	0.17	
Soil	10 - drip line	6-9	03/28/11	125-CBS-122	0.12	ND	ND	ND	ND	
Soil	10 - drip line	12-15	03/28/11	125-CBS-123	0.11	ND	ND	0.27	0.27	
Soil	10 - foundation	6-9	03/28/11	125-CBS-135	0.12	ND	ND	0.38	0.38	
Soil	10 - foundation	12-15	03/28/11	125-CBS-136	0.12	ND	ND	0.34	0.34	
Soil	10 - foundation	6-9	03/28/11	125-CBS-150	0.11	ND	ND	0.72	0.72	
Soil	10 - foundation	12-15	03/28/11	125-CBS-151	0.11	ND	ND	0.54	0.54	
Soil	10 - foundation	6-9	03/28/11	125-CBS-162	0.44	ND	ND	2.5	2.5	
Soil	10 - foundation	12-15	03/28/11	125-CBS-163	0.11	ND	ND	0.92	0.92	
Soil	20 - foundation	0-3	04/05/11	125-CBS-333	0.12	ND	ND	ND	ND	
Soil	10 - drip line	6-9	03/28/11	125-CBS-176	0.11	ND	ND	0.19	0.19	
Soil	10 - drip line	12-15	03/28/11	125-CBS-177	0.11	ND	ND	0.33	0.33	
Soil	10 - drip line	6-9	03/28/11	125-CBS-190	0.12	ND	ND	0.28	0.28	
Soil	10 - drip line	12-15	03/28/11	125-CBS-191	0.11	ND	ND	0.15	0.15	
Soil	10 - drip line	6-9	03/29/11	125-CBS-293	0.11	ND	ND	0.23	0.23	
Soil	10 - drip line	12-15	03/29/11	125-CBS-294	0.11	ND	ND	ND	ND	
Soil	10 - drip line	6-9	03/29/11	125-CBS-299	0.11	ND	ND	0.82	0.82	
Soil	10 - drip line	12-15	03/29/11	125-CBS-300	0.11	ND	ND	0.69	0.69	
<b>South Façade - southeastern landscape bed</b>										
Soil	2 - drip line	0-3	03/28/11	125-CBS-192	0.12	1.1	0.89	ND	1.99	J
Soil	2 - drip line	6-9	03/28/11	125-CBS-193	0.11	0.31	0.44	ND	0.75	
Soil	2 - drip line	0-3	03/28/11	125-CBS-198	0.13	ND	0.59	0.40	0.99	
Soil	2 - drip line	6-9	03/28/11	125-CBS-199	0.12	ND	0.73	0.38	1.11	
Soil	2 - drip line	0-3	03/28/11	125-CBS-210	0.12	ND	1.0	0.59	1.59	
Soil	2 - drip line	6-9	03/28/11	125-CBS-216	0.12	ND	0.89	0.53	1.42	
Soil	2 - drip line	12-15	03/28/11	125-CBS-217	0.11	ND	0.69	ND	0.69	J
Soil	2 - drip line	0-3	03/28/11	125-CBS-226	0.13	ND	0.52	0.25	0.77	
Soil	2 - drip line	6-9	03/28/11	125-CBS-227	0.12	0.83	0.99	ND	1.82	
Soil	2 - drip line	12-15	03/28/11	125-CBS-228	0.11	ND	0.31	ND	0.31	
Soil	2 - drip line	0-3	03/28/11	125-CBS-232	0.13	ND	0.70	0.30	1.00	J
Soil	2 - drip line	6-9	03/28/11	125-CBS-233	0.12	ND	0.45	0.30	0.75	J
Soil	2 - drip line	0-3	03/28/11	125-CBS-238	0.13	ND	0.90	0.37	1.27	J
Soil	2 - drip line	6-9	03/28/11	125-CBS-239	0.12	ND	0.61	0.28	0.89	
Soil	2 - drip line	0-3	03/28/11	125-CBS-246	0.12	0.25	0.79	0.44	1.48	
Soil	2 - drip line	6-9	03/28/11	125-CBS-247	0.12	ND	0.72	0.27	0.99	J
Soil	2 - drip line	0-3	03/28/11	125-CBS-252	0.13	ND	0.77	0.53	1.30	
Soil	2 - drip line	6-9	03/28/11	125-CBS-253	0.12	ND	0.42	0.24	0.66	
Soil	2 - drip line	0-3	03/28/11	125-CBS-258	0.12	ND	0.37	0.29	0.66	
Soil	2 - drip line	6-9	03/28/11	125-CBS-259	0.12	ND	0.32	0.28	0.60	
Soil	2 - drip line	0-3	03/28/11	125-CBS-266	0.12	ND	0.79	0.34	1.13	J
Soil	2 - drip line	6-9	03/28/11	125-CBS-267	0.12	ND	ND	0.35	0.35	
<b>South Façade - southeastern landscape bed</b>										
Soil	12 - drip line	0-3	03/28/11	125-CBS-195	0.13	ND	0.34	0.19	0.53	
Soil	12 - drip line	0-3	03/28/11	125-CBS-212	0.13	ND	0.44	0.29	0.73	
Soil	12 - drip line	0-3	03/28/11	125-CBS-229	0.15	ND	0.36	ND	0.36	
Soil	12 - drip line	0-3	03/28/11	125-CBS-241	0.13	ND	0.56	ND	0.56	
Soil	12 - drip line	0-3	03/28/11	125-CBS-255	0.13	ND	0.59	ND	0.59	
<b>South Façade - Concrete pads south of building</b>										
Concrete	11	0-0.5	04/07/11	125-CBC-347	0.095	ND	ND	0.13	0.13	
Concrete	11	0-0.5	04/07/11	125-CBC-348	0.18	ND	ND	2.0	2.0	
Concrete	11	0-0.5	04/07/11	125-CBC-349	0.10	ND	ND	0.19	0.19	
Concrete	11	0-0.5	04/07/11	125-CBC-350	0.10	ND	ND	0.23	0.23	
Concrete	11	0-0.5	04/07/11	125-CBC-351	0.095	ND	ND	0.25	0.25	
Concrete	11	0-0.5	04/07/11	125-CBC-352	0.091	ND	ND	0.48	0.48	
Concrete	11	0-0.5	04/07/11	125-CBC-353	0.10	0.80	ND	1.2	2.0	
Concrete	11	0-0.5	04/07/11	125-CBC-354	0.10	ND	ND	1.2	1.2	
Concrete	11	0-0.5	04/07/11	125-CBC-355	0.095	ND	ND	0.11	0.11	

**Table 2-1**  
**Ground Surface Analytical Data Summary**  
**125 Western Ave - Boston, MA**

Media	Distance from Building (feet)	Sample Depth (inches)	Sample Date	Sample ID	Detection Limit (mg/kg)	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs (mg/kg)	Qualifier
<b>West Façade - Samples along building foundation</b>										
Soil	0 - foundation	0-3	03/29/11	125-CBS-308	0.14	ND	ND	0.81	0.81	
Soil	0 - foundation	0-3	03/29/11	125-CBS-309	0.14	ND	ND	1.0	1.0	
Soil	0 - foundation	0-3	03/29/11	125-CBS-310	0.11	ND	ND	ND	ND	
Soil	0 - foundation	0-3	03/29/11	125-CBS-312	0.11	ND	ND	ND	ND	
Soil	0 - foundation	0-3	03/29/11	125-CBS-313	0.11	ND	ND	ND	ND	
Soil	0 - foundation	0-3	03/29/11	125-CBS-314	0.11	ND	ND	0.32	0.32	
Soil	0 - foundation	0-3	03/29/11	125-CBS-315	0.11	ND	ND	0.98	0.98	
Soil	0 - foundation	0-3	03/29/11	125-CBS-316	0.12	ND	ND	0.42	0.42	
Soil	0 - foundation	0-3	03/29/11	125-CBS-317	0.12	ND	ND	0.70	0.70	
Soil	0 - foundation	0-3	03/29/11	125-CBS-318	0.48	ND	ND	3.4	3.4	
Soil	0 - foundation	12-15	04/05/11	125-CBS-326	0.11	ND	ND	ND	ND	
Soil	0 - foundation	0-3	03/29/11	125-CBS-319	0.44	ND	ND	2.0	2.0	
Soil	0 - foundation	12-15	04/05/11	125-CBS-325	0.12	ND	ND	0.19	0.19	
Soil	0 - foundation	0-3	03/29/11	125-CBS-320	0.46	ND	ND	2.6	2.6	
Soil	0 - foundation	12-15	04/05/11	125-CBS-324	0.12	ND	ND	0.21	0.21	
<b>West Façade - Samples 10 feet beyond building foundation</b>										
Soil	10 - foundation	0-3	04/05/11	125-CBS-327	0.11	ND	ND	0.51	0.51	
Soil	10 - foundation	12-15	04/05/11	125-CBS-328	0.12	ND	ND	ND	ND	
Soil	10 - foundation	0-3	04/05/11	125-CBS-329	0.13	ND	ND	0.32	0.32	
Soil	10 - foundation	12-15	04/05/11	125-CBS-330	0.11	ND	ND	ND	ND	
Soil	10 - foundation	0-3	04/05/11	125-CBS-331	0.13	ND	ND	ND	ND	
Soil	10 - foundation	12-15	04/05/11	125-CBS-332	0.13	ND	ND	0.25	0.25	
<b>North Façade - Samples along Building Foundation</b>										
Soil	0 - drip line	0-3	04/07/11	125-CBS-360	2.3	ND	ND	6.9	6.9	
Soil	0 - drip line	12-15	04/07/11	125-CBS-361	0.53	ND	ND	2.9	2.9	
Soil	0 - drip line	0-3	04/07/11	125-CBS-362	0.54	ND	ND	1.7	1.7	
Soil	0 - drip line	12-15	04/07/11	125-CBS-363	0.11	ND	ND	ND	ND	
Soil	0 - drip line	0-3	04/07/11	125-CBS-364	0.11	ND	ND	0.32	0.32	
Soil	0 - drip line	12-15	04/07/11	125-CBS-365	0.11	ND	ND	0.28	0.28	
Soil	0 - drip line	0-3	04/07/11	125-CBS-366	0.11	ND	ND	0.34	0.34	
Soil	0 - drip line	12-15	04/07/11	125-CBS-367	0.11	ND	ND	ND	ND	
Soil	0 - drip line	0-3	04/07/11	125-CBS-368	0.10	ND	ND	ND	ND	
Soil	0 - drip line	12-15	04/07/11	125-CBS-369	0.11	ND	ND	0.26	0.26	
Soil	0 - drip line	0-3	04/07/11	125-CBS-370	0.56	ND	ND	1.6	1.6	
Soil	0 - drip line	12-15	04/07/11	125-CBS-371	0.11	ND	ND	0.20	0.20	
Soil	0 - drip line	0-3	04/07/11	125-CBS-372	0.10	ND	ND	0.33	0.33	
Soil	0 - drip line	12-15	04/07/11	125-CBS-373	0.10	ND	ND	0.14	0.14	
Soil	0 - drip line	0-3	04/07/11	125-CBS-374	0.54	ND	ND	2.9	2.9	
Soil	0 - drip line	12-15	04/07/11	125-CBS-376	2.8	ND	ND	15	15	
Soil	0 - drip line	0-3	04/07/11	125-CBS-378	0.47	ND	ND	2.1	2.1	
Soil	0 - drip line	12-15	04/07/11	125-CBS-379	0.45	ND	ND	2.6	2.6	
Soil	0 - drip line	0-3	04/07/11	125-CBS-380	4.7	ND	ND	37	37	
Soil	0 - drip line	12-15	04/07/11	125-CBS-381	2.4	ND	ND	13	13	
Soil	0 - drip line	0-3	04/07/11	125-CBS-382	0.58	ND	ND	0.69	0.69	
Soil	0 - drip line	12-15	04/07/11	125-CBS-383	2.2	ND	ND	15	15	
Soil	0 - drip line	0-3	04/07/11	125-CBS-384	0.11	ND	ND	0.50	0.50	
Soil	0 - drip line	12-15	04/07/11	125-CBS-385	0.11	ND	ND	1.1	1.1	
Soil	0 - drip line	0-3	04/07/11	125-CBS-386	0.58	ND	ND	3.7	3.7	
Soil	0 - drip line	12-15	04/07/11	125-CBS-387	0.11	ND	ND	0.49	0.49	
Soil	0 - drip line	0-3	04/07/11	125-CBS-388	0.58	ND	ND	0.77	0.77	
Soil	0 - drip line	12-15	04/07/11	125-CBS-389	0.23	ND	ND	1.5	1.5	
Soil	0 - drip line	0-3	04/07/11	125-CBS-390	0.55	ND	ND	1.2	1.2	
Soil	0 - drip line	12-15	04/07/11	125-CBS-391	0.11	ND	ND	0.89	0.89	
Soil	0 - drip line	0-3	04/07/11	125-CBS-392	0.15	ND	ND	0.34	0.34	
Soil	0 - drip line	12-15	04/07/11	125-CBS-393	0.12	ND	ND	0.71	0.71	
<b>North Façade - Concrete walkway</b>										
Soil	12" from joint	0-0.5	04/07/11	125-CBC-357	0.095	ND	ND	0.37	0.37	
Soil	12" from joint	0-0.5	04/07/11	125-CBC-358	0.091	ND	ND	0.16	0.16	

Notes:

1. Samples were extracted by Soxhlet extraction (3540C) and analyzed by EPA Method 8082 for PCBs.
2. Samples were extracted and analyzed by Contest Analytical Laboratory of East Longmeadow, Massachusetts.
3. Bulk sample results are reported with units of mg/kg; aqueous field blank samples are reported with units of micrograms per liter.
4. ND = Non-detect; result below laboratory's minimum reporting limits.
5. J = Value is qualified as estimated based on data validation.



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### 3. REMEDIATION PLAN

Concentrations of PCBs in exceedance of the unrestricted use cleanup level of 1 ppm have been detected in soils adjacent the Site building. Consistent with the remedial objectives described herein, the cleanup goal for these ground surfaces is to remediate these materials to meet unrestricted use criteria (i.e., PCBs  $\leq$  1 ppm). The remedial approach to address the materials containing PCBs  $>$  1 ppm is described in the sections below.

In general, the proposed remediation activities will include the following:

- Removal and off-site disposal of PCB-impacted soil as PCB Remediation Waste per 40 CFR 761.61;
- Removal and off-site disposal of PCB impacted concrete as PCB wastes  $\geq$  50 ppm;
- Collection of verification samples for analyses;
- Site restoration in support of scheduled regrading and new infrastructure; and
- Recordkeeping and reporting.

#### 3.1 SITE PREPARATION AND CONTROLS

During soil excavation in PCB impacted soil areas, the following site controls will be implemented:

- All workers will follow applicable Federal and State regulations regarding the work activities, including but not limited to OSHA regulations, respiratory protection, personal protective equipment, etc.
- Prior to any work, the boundaries of the excavation area will be marked and properly secured. The general contractor has already obtained a permit from Dig Safe.
- Access to the active work areas will be managed through fencing with controlled access points.
- Water misting will be used as a dust suppressant, as appropriate.
- Air monitoring at the perimeter of the active PCB-impacted soil removal areas will be conducted during active soil removal. To reduce dust levels and exposures to dust, a combination of engineering controls and personal protective equipment will be implemented during work activities. This air monitoring will be conducted in accordance with the Perimeter Air Monitoring Plan provided as Appendix C to the March 31, 2011 PCB Remediation Plan for the Site.

#### 3.2 SOIL REMOVAL

The remedial action approach consists of area-specific characterization and delineation, excavation and off-site disposal as PCB wastes, post-excavation verification sampling, and additional soil excavation and verification, as needed, based on the sample results. Only those soil areas confirmed to contain PCBs  $\leq$  1 ppm will be cleared for use by the General Contractor.

Soils designated for removal as part of the renovation project that have PCB concentrations in excess of 1 ppm will be excavated and transported off-site for disposal at an approved facility as PCB remediation waste. The locations of the proposed soil removal areas are shown on Figure 3-1; however, these areas may require modification based on the verification sample results. Soil removal activities will be conducted in compliance with 40 CFR 761.61 and the MCP. The remediation goal is to remove all PCB contaminated soils in excess of 1 ppm and verify that remaining soil

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concentrations are  $\leq 1$  ppm. Post-removal verification sampling will be conducted to demonstrate that the clean-up goals have been achieved. In the event that any soils containing PCBs  $> 1$  ppm are encountered at a base of an excavation and the planned construction excavation depths have been reached, an evaluation will be conducted to assess whether additional soils will be removed or if a managed-in-place alternative (e.g., they will be contained beneath an appropriate cap meeting the requirements of 40 CFR 761.61) could be implemented.

Equipment, tools, excavator buckets, shovels, etc. will be decontaminated through pressure washing, spraying, or wet wiping following use and/or between uses, as needed. At the completion of the work, non-disposable equipment and tools that handled PCB material will be decontaminated following the procedures described in 40 CFR 761.79. Used PPE and decontamination materials will be containerized for off-site disposal. Water generated during decontamination will be containerized, sampled, and disposed of off-site in accordance with 40 CFR 761.79.

Based on the characterization data collected to date, the area potentially subject to remediation (excavation and off-site disposal of soils containing PCBs  $> 1$  ppm) covers an area of approximately 4,500 square feet. The final limits of the specific areas for remediation have been estimated at this time, given that additional delineation sampling is being conducted.

At this time it is estimated that 350 cubic yards of soils could be managed under this activity. However, to account for potential additional excavation, this plan has been prepared to assume that up to 500 cubic yards of soils could be managed under this Plan. This includes soils within PCB areas scheduled for disturbance to support the removal of certain existing paved ground surfaces (concrete); regrading and excavating soils to support new ground surface coverings, landscaping, and utilities; and restoring select ground surfaces with landscaping or pavement. Soils subject to disturbance within the area delineated as PCBs will be disposed of off-site as PCB Remediation Waste  $< 50$  ppm.

### **3.3 CONCRETE WALKWAY REMOVAL**

Concrete ground surfaces along the south and north façades of the building were assessed for the presence of PCBs if caulking was observed to be present on the concrete surface itself (i.e., joints between the seams of adjacent pads, or joints between a pad and the building foundation). For select portions of the concrete, the frequency of caulking presence and the potential level of effort and cost that would be required to properly test, sawcut and segregate the concrete led to the decision to assume that these sections of concrete would be managed for off-site disposal with the caulking as PCB waste  $\geq 50$  ppm.

For portions of the concrete walkway where the presence of caulking was not observed, samples were collected to characterize the level of PCBs present and to aid in developing a “cut-line” approach to segregate the concrete into PCB wastes vs. general demolition debris not impacted by PCBs. The areas of concrete to be managed as  $\geq 50$  ppm wastes are shown on Figure 3-1.

Following concrete removal in the areas where the concrete will be managed for disposal as PCB waste  $\geq 50$  ppm, soils located beneath the concrete will be sampled to determine if PCBs are present since these materials are scheduled to be excavated as part of the planned renovation work. This verification process is described further below.

### **3.4 POST-EXCAVATION VERIFICATION SAMPLING**

Following completion of the initial soil excavations in the areas above, post-excavation samples will be collected in accordance with a modified 40 CFR 761.280 (Subpart O) sampling plan. Based on the conceptual site model for the

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release and transport pathway, the defined extent of PCB-affected soils and excavation areas, and the existing data, a verification sampling frequency of one sample per 10 linear feet along the building will be used (or, within a 10 square foot grid spacing for areas away from a building) as shown on Figure 3-2.

Additional details regarding the verification sampling plan are provided below:

- Samples will be collected from the base of the excavation at a depth of 0-3 inches below the excavation base;
- Samples will be transported to the laboratory under standard chain of custody procedures, extracted using USEPA Method 3540C (Soxhlet extraction), and analyzed for PCBs using USEPA Method 8082.
- In addition to the primary samples indicated above, duplicate and aqueous field equipment blank samples will be collected at a frequency of one per twenty primary samples. These samples will be submitted to the laboratory as part of the QA/QC procedures associated with sample collection.
- Upon receipt of the analytical results, the sample data will be compared to the clean-up levels as described above.

### **3.4.1 Soil Verification Beneath PCB Concrete Removal Areas**

As described above, certain concrete walkways will be removed and managed for off-site disposal with the associated caulking as PCB waste  $\geq$  50 ppm. Beneath these concrete removal areas, soil samples will be collected on a 20-foot sampling spacing and submitted to the laboratory for PCB analysis (see Figure 3-2). If PCBs are reported  $\leq$  1 ppm in the underlying soils, the unrestricted use criteria of 1 ppm will be met under 40 CFR 761. If PCB concentrations are detected  $>$  1 ppm, soil removal may be conducted in those respective grid areas (depending on the intended future use of that location) as described in Section 3.2.

## **3.5 DATA VALIDATION AND USABILITY ASSESSMENT**

Analytical data will be validated by a third-party validator and will include a check of field documentation, sample collection and preservation methods, a check of the laboratory data and documentation, a review of the internal laboratory QA/QC procedures and results including surrogate recoveries, matrix spike and matrix spike duplicate results, blank results, and laboratory control standard results, and an evaluation of sample holding times, and field duplicate results.

## **3.6 MANAGEMENT OF REMEDIATION WASTES**

Secure, lined, covered, and marked waste containers (roll-offs or equivalent) will be staged for the collection of PCB wastes generated during the work activities in accordance with 40 CFR 761.65, and will be marked in accordance with 40 CFR 761.40.

Upon completion of the waste profiling and acceptance to the selected disposal facility, contained soils and any PPE or other materials (poly sheeting, etc.) generated during the soil work will be loaded onto transportation vehicles for shipment to the disposal facility. At this time, all site soils have tested as non-hazardous (PCBs  $<$  50 ppm), and will be managed for disposal and transported under an MCP Bill of Lading to a non-hazardous waste disposal facility (e.g. the TREE Turnkey Landfill in Rochester, NH) as  $<$  50 ppm PCB Remediation Waste.

Any excess water generated during decontamination will be containerized on-site, sampled, and designated for off-site disposal in accordance with 40 CFR 761.79.



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### **3.7 FEDERAL, STATE, AND/OR LOCAL PERMITS**

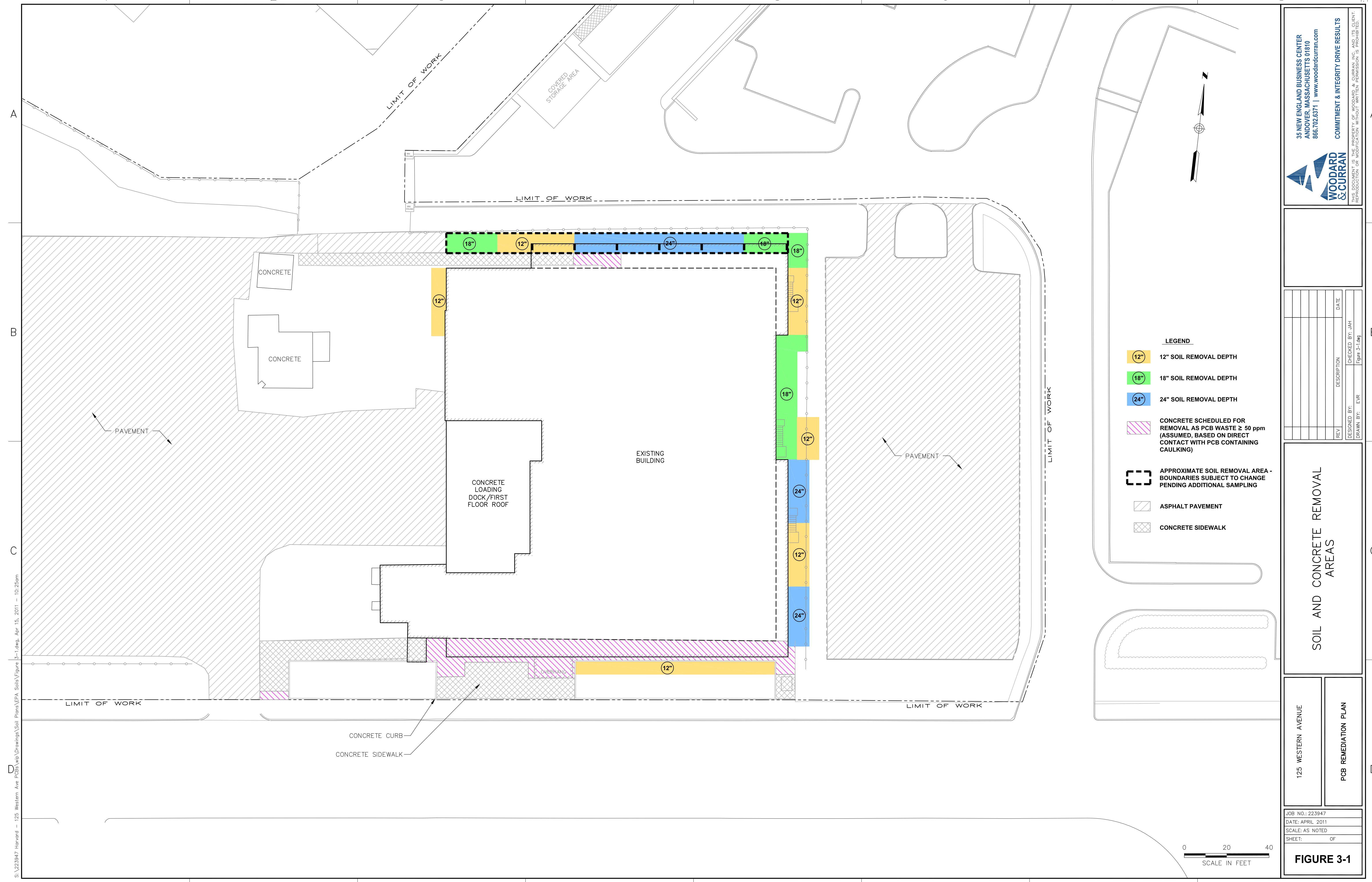
The contractor has obtained the required permits required for excavation activities. The contractor has previously notified DigSafe prior to the start of field activities associated with subsurface excavation. Soil excavation work will be conducted pursuant to this Plan and the RAM Plan prepared in accordance with the MCP and submitted to MassDEP.

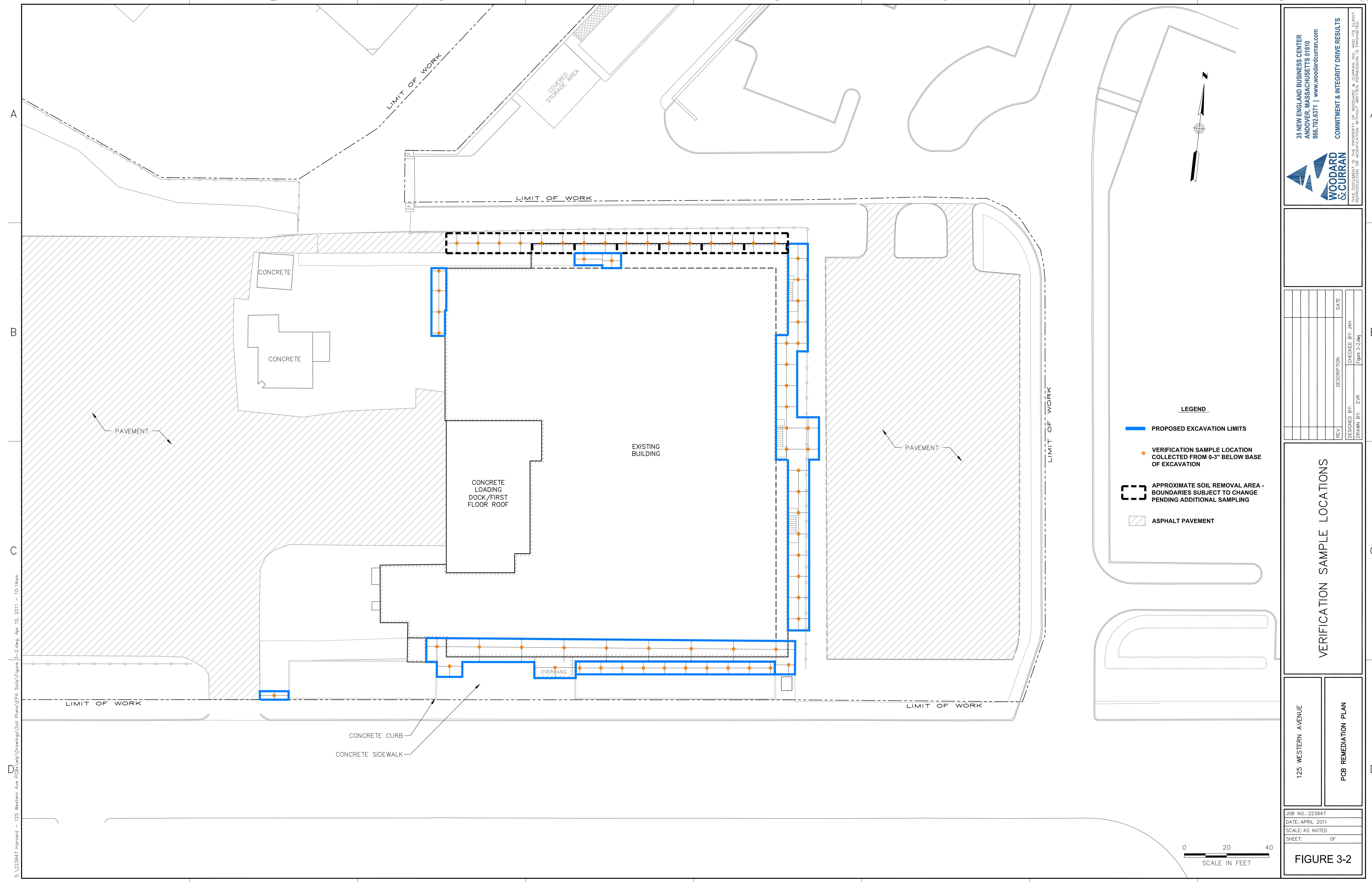
### **3.8 RECORDKEEPING AND REPORTING**

Following completion of the work activities, records and documents will be generated and maintained at one location per 40 CFR Part 761. These documents will be made available to EPA upon request. A final report including but not limited to a description of the work activities, verification analytical results, volumes of disposed materials, and copies of waste disposal documentation will be prepared and submitted to EPA. This report may be combined with the final completion report documenting the building material remediation activities proposed in the March 31, 2011 PCB Remediation Plan.

### **3.9 SCHEDULE**

As described previously, given the project requirements, soil excavation activities will commence upon submittal of this Plan and are expected to be completed in the summer of 2011.







## APPENDIX A: ANALYTICAL LABORATORY REPORTS

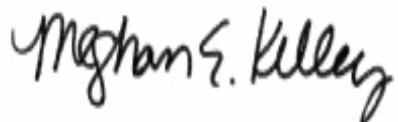
April 1, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: 125 Western Ave  
Client Job Number:  
Project Number: 223947  
Laboratory Work Order Number: 11C0882

Enclosed are results of analyses for samples received by the laboratory on March 29, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

Woodard & Curran - Andover MA  
 35 New England Business Center  
 Andover, MA 01810  
 ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11C0882

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-100	11C0882-01	Soil		SM 2540G SW-846 8082	
125-CBS-101	11C0882-02	Soil		SM 2540G SW-846 8082	
125-CBS-106	11C0882-03	Soil		SM 2540G SW-846 8082	
125-CBS-107	11C0882-04	Soil		SM 2540G SW-846 8082	
125-CBS-109	11C0882-05	Soil		SM 2540G SW-846 8082	
125-CBS-110	11C0882-06	Soil		SM 2540G SW-846 8082	
125-CBS-112	11C0882-07	Soil		SM 2540G SW-846 8082	
125-CBS-113	11C0882-08	Soil		SM 2540G SW-846 8082	
125-CBS-127	11C0882-09	Soil		SM 2540G SW-846 8082	
125-CBS-128	11C0882-10	Soil		SM 2540G SW-846 8082	
125-CBS-130	11C0882-11	Soil		SM 2540G SW-846 8082	
125-CBSD-131	11C0882-12	Soil		SM 2540G SW-846 8082	
125-CBS-132	11C0882-13	Soil		SM 2540G SW-846 8082	
125-CBS-137	11C0882-14	Soil		SM 2540G SW-846 8082	
125-CBS-138	11C0882-15	Soil		SM 2540G SW-846 8082	
125-CBS-146	11C0882-16	Soil		SM 2540G SW-846 8082	
125-CBS-147	11C0882-17	Soil		SM 2540G SW-846 8082	
125-CBS-152	11C0882-18	Soil		SM 2540G SW-846 8082	
125-CBS-153	11C0882-19	Soil		SM 2540G SW-846 8082	
125-CBS-158	11C0882-20	Soil		SM 2540G SW-846 8082	

Woodard & Curran - Andover MA  
 35 New England Business Center  
 Andover, MA 01810  
 ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11C0882

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-159	11C0882-21	Soil		SM 2540G SW-846 8082	
125-CBS-164	11C0882-22	Soil		SM 2540G SW-846 8082	
125-CBSD-165	11C0882-23	Soil		SM 2540G SW-846 8082	
125-CBS-166	11C0882-24	Soil		SM 2540G SW-846 8082	
125-CBS-172	11C0882-25	Soil		SM 2540G SW-846 8082	
125-CBS-173	11C0882-26	Soil		SM 2540G SW-846 8082	
125-CBS-178	11C0882-27	Soil		SM 2540G SW-846 8082	
125-CBS-179	11C0882-28	Soil		SM 2540G SW-846 8082	
125-CBS-184	11C0882-29	Soil		SM 2540G SW-846 8082	
125-CBSD-185	11C0882-30	Soil		SM 2540G SW-846 8082	
125-CBS-186	11C0882-31	Soil		SM 2540G SW-846 8082	
125-CBS-267	11C0882-32	Soil		SM 2540G SW-846 8082	
125-CBS-270	11C0882-33	Soil		SM 2540G SW-846 8082	
125-CBS-271	11C0882-34	Soil		SM 2540G SW-846 8082	
125-CBS-273	11C0882-35	Soil		SM 2540G SW-846 8082	
125-CBS-274	11C0882-36	Soil		SM 2540G SW-846 8082	
125-CBS-276	11C0882-37	Soil		SM 2540G SW-846 8082	
125-CBS-277	11C0882-38	Soil		SM 2540G SW-846 8082	
125-CBS-279	11C0882-39	Soil		SM 2540G SW-846 8082	
125-CBS-280	11C0882-40	Soil		SM 2540G SW-846 8082	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

REPORT DATE: 4/1/2011

Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810  
ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11C0882

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-282	11C0882-41	Soil		SM 2540G SW-846 8082	
125-CBS-283	11C0882-42	Soil		SM 2540G SW-846 8082	
125-CBS-285	11C0882-43	Soil		SM 2540G SW-846 8082	
125-CBS-286	11C0882-44	Soil		SM 2540G SW-846 8082	
125-CBSQ-144	11C0882-45	Equipment Blank Water		SW-846 8082	
125-CBSQ-168	11C0882-46	Equipment Blank Water		SW-846 8082	
125-CBSQ-307	11C0882-47	Equipment Blank Water		SW-846 8082	

#### CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REISED REPORT - 04/01/2011 - Matrix Spike narrative note revised.

REVISED REPORT - 03/31/2011 - Samples IDs for -12, -30, -46 & -47 revised.

**SW-846 8082**

---

**Qualifications:**

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

**Analyte & Samples(s) Qualified:**

**Aroclor-1260, Aroclor-1260 [2C]**

B028057-MS1, B028057-MSD1

---

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

**Analyte & Samples(s) Qualified:**

**Aroclor-1260, Aroclor-1260 [2C]**

B028059-MSD1

---

Matrix spike recovery bias high due to PCB aroclors present in the source sample.

**Analyte & Samples(s) Qualified:**

**Aroclor-1260 [2C]**

B028054-MS1, B028054-MSD1

---

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

**Analyte & Samples(s) Qualified:**

**Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]**

11C0882-12[125-CBSD-131], 11C0882-13[125-CBS-132], 11C0882-25[125-CBS-172], 11C0882-27[125-CBS-178], 11C0882-28[125-CBS-179]

---

Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

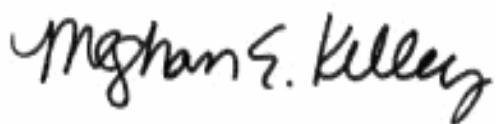
**Analyte & Samples(s) Qualified:**

**Tetrachloro-m-xylene [2C]**

B028057-BLK1

---

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.  
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley  
Project Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 07:40

**Field Sample #:** 125-CBS-100

**Sample ID:** 11C0882-01

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Aroclor-1221 [1]	ND	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Aroclor-1232 [1]	ND	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Aroclor-1242 [1]	ND	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Aroclor-1248 [1]	ND	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Aroclor-1254 [1]	ND	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Aroclor-1260 [2]	1.8	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Aroclor-1262 [1]	ND	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Aroclor-1268 [1]	ND	0.24	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:13	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	117		30-150					3/30/11 22:13	
Decachlorobiphenyl [2]	117		30-150					3/30/11 22:13	
Tetrachloro-m-xylene [1]	138		30-150					3/30/11 22:13	
Tetrachloro-m-xylene [2]	146		30-150					3/30/11 22:13	

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Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 07:40

**Field Sample #:** 125-CBS-100

**Sample ID:** 11C0882-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 07:45

**Field Sample #:** 125-CBS-101

**Sample ID:** 11C0882-02

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Aroclor-1254 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Aroclor-1260 [2]	3.8	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:28	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	96.8	30-150						3/30/11 22:28	
Decachlorobiphenyl [2]	93.6	30-150						3/30/11 22:28	
Tetrachloro-m-xylene [1]	98.8	30-150						3/30/11 22:28	
Tetrachloro-m-xylene [2]	104	30-150						3/30/11 22:28	

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Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 07:45

**Field Sample #:** 125-CBS-101

**Sample ID:** 11C0882-02

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 08:00

**Field Sample #:** 125-CBS-106

**Sample ID:** 11C0882-03

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Aroclor-1254 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Aroclor-1260 [2]	1.6	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 22:44	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	90.8	30-150						3/30/11 22:44	
Decachlorobiphenyl [2]	89.6	30-150						3/30/11 22:44	
Tetrachloro-m-xylene [1]	95.2	30-150						3/30/11 22:44	
Tetrachloro-m-xylene [2]	99.1	30-150						3/30/11 22:44	

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Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 08:00

**Field Sample #:** 125-CBS-106

**Sample ID:** 11C0882-03

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.4		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

**Field Sample #:** 125-CBS-107

Sampled: 3/28/2011 08:05

**Sample ID:** 11C0882-04

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Aroclor-1254 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Aroclor-1260 [2]	1.8	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:00	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	122		30-150					3/30/11 23:00	
Decachlorobiphenyl [2]	130		30-150					3/30/11 23:00	
Tetrachloro-m-xylene [1]	135		30-150					3/30/11 23:00	
Tetrachloro-m-xylene [2]	130		30-150					3/30/11 23:00	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 08:05

**Field Sample #:** 125-CBS-107

**Sample ID:** 11C0882-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 07:55

**Field Sample #:** 125-CBS-109

**Sample ID:** 11C0882-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Aroclor-1260 [2]	0.15	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:01	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	108	30-150						3/30/11 16:01	
Decachlorobiphenyl [2]	124	30-150						3/30/11 16:01	
Tetrachloro-m-xylene [1]	118	30-150						3/30/11 16:01	
Tetrachloro-m-xylene [2]	122	30-150						3/30/11 16:01	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 07:55

**Field Sample #:** 125-CBS-109

**Sample ID:** 11C0882-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 07:57

**Field Sample #:** 125-CBS-110

**Sample ID:** 11C0882-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Aroclor-1260 [2]	0.13	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:17	JMB
Surrogates	% Recovery	Recovery Limits		Flag					
Decachlorobiphenyl [1]	108	30-150					3/30/11 16:17		
Decachlorobiphenyl [2]	125	30-150					3/30/11 16:17		
Tetrachloro-m-xylene [1]	121	30-150					3/30/11 16:17		
Tetrachloro-m-xylene [2]	121	30-150					3/30/11 16:17		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 07:57

**Field Sample #:** 125-CBS-110

**Sample ID:** 11C0882-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.4		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 08:10

**Field Sample #:** 125-CBS-112

**Sample ID:** 11C0882-07

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Aroclor-1254 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Aroclor-1260 [2]	4.2	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 23:15	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	111	30-150							3/30/11 23:15
Decachlorobiphenyl [2]	109	30-150							3/30/11 23:15
Tetrachloro-m-xylene [1]	94.1	30-150							3/30/11 23:15
Tetrachloro-m-xylene [2]	101	30-150							3/30/11 23:15

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 08:10

**Field Sample #:** 125-CBS-112

**Sample ID:** 11C0882-07

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 08:15

**Field Sample #:** 125-CBS-113

**Sample ID:** 11C0882-08

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Aroclor-1254 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Aroclor-1260 [2]	1.5	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082	3/29/11	3/30/11 23:31	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	116	30-150							3/30/11 23:31
Decachlorobiphenyl [2]	117	30-150							3/30/11 23:31
Tetrachloro-m-xylene [1]	127	30-150							3/30/11 23:31
Tetrachloro-m-xylene [2]	134	30-150							3/30/11 23:31

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 08:15

**Field Sample #:** 125-CBS-113

**Sample ID:** 11C0882-08

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.4		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:00

**Field Sample #:** 125-CBS-127

**Sample ID:** 11C0882-09

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Aroclor-1260 [2]	0.92	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 17:03	JMB
Surrogates	% Recovery	Recovery Limits		Flag					
Decachlorobiphenyl [1]	126	30-150					3/30/11 17:03		
Decachlorobiphenyl [2]	144	30-150					3/30/11 17:03		
Tetrachloro-m-xylene [1]	122	30-150					3/30/11 17:03		
Tetrachloro-m-xylene [2]	132	30-150					3/30/11 17:03		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:00

**Field Sample #:** 125-CBS-127

**Sample ID:** 11C0882-09

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:03

**Field Sample #:** 125-CBS-128

**Sample ID:** 11C0882-10

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Aroclor-1260 [2]	0.60	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 18:05	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	111	30-150							3/30/11 18:05
Decachlorobiphenyl [2]	123	30-150							3/30/11 18:05
Tetrachloro-m-xylene [1]	123	30-150							3/30/11 18:05
Tetrachloro-m-xylene [2]	131	30-150							3/30/11 18:05

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:03

**Field Sample #:** 125-CBS-128

**Sample ID:** 11C0882-10

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:10

**Field Sample #:** 125-CBS-130

**Sample ID:** 11C0882-11

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Aroclor-1254 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Aroclor-1260 [2]	5.5	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/31/11 6:29	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	134	30-150						3/31/11 6:29	
Decachlorobiphenyl [2]	146	30-150						3/31/11 6:29	
Tetrachloro-m-xylene [1]	140	30-150						3/31/11 6:29	
Tetrachloro-m-xylene [2]	142	30-150						3/31/11 6:29	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:10

**Field Sample #:** 125-CBS-130

**Sample ID:** 11C0882-11

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

**Field Sample #:** 125-CBSD-131

Sampled: 3/28/2011 09:15

**Sample ID:** 11C0882-12

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Aroclor-1221 [1]	ND	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Aroclor-1232 [1]	ND	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Aroclor-1242 [1]	ND	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Aroclor-1248 [1]	ND	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Aroclor-1254 [1]	ND	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Aroclor-1260 [2]	6.1	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Aroclor-1262 [1]	ND	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Aroclor-1268 [1]	ND	1.0	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 8:01	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01			3/31/11 8:01	
Decachlorobiphenyl [2]	*		30-150		S-01			3/31/11 8:01	
Tetrachloro-m-xylene [1]	*		30-150		S-01			3/31/11 8:01	
Tetrachloro-m-xylene [2]	*		30-150		S-01			3/31/11 8:01	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

**Field Sample #:** 125-CBSD-131

Sampled: 3/28/2011 09:15

**Sample ID:** 11C0882-12

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.6		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:20

**Field Sample #:** 125-CBS-132

**Sample ID:** 11C0882-13

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Aroclor-1260 [2]	8.1	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 6:59	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01			3/31/11 6:59	
Decachlorobiphenyl [2]	*		30-150		S-01			3/31/11 6:59	
Tetrachloro-m-xylene [1]	*		30-150		S-01			3/31/11 6:59	
Tetrachloro-m-xylene [2]	*		30-150		S-01			3/31/11 6:59	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:20

**Field Sample #:** 125-CBS-132

**Sample ID:** 11C0882-13

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:42

**Field Sample #:** 125-CBS-137

**Sample ID:** 11C0882-14

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Aroclor-1254 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Aroclor-1260 [2]	1.9	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:15	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	124		30-150					3/31/11 7:15	
Decachlorobiphenyl [2]	135		30-150					3/31/11 7:15	
Tetrachloro-m-xylene [1]	136		30-150					3/31/11 7:15	
Tetrachloro-m-xylene [2]	140		30-150					3/31/11 7:15	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:42

**Field Sample #:** 125-CBS-137

**Sample ID:** 11C0882-14

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:45

**Field Sample #:** 125-CBS-138

**Sample ID:** 11C0882-15

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Aroclor-1254 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Aroclor-1260 [2]	2.1	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:30	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	130		30-150					3/31/11 7:30	
Decachlorobiphenyl [2]	137		30-150					3/31/11 7:30	
Tetrachloro-m-xylene [1]	135		30-150					3/31/11 7:30	
Tetrachloro-m-xylene [2]	142		30-150					3/31/11 7:30	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 09:45

**Field Sample #:** 125-CBS-138

**Sample ID:** 11C0882-15

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:15

**Field Sample #:** 125-CBS-146

**Sample ID:** 11C0882-16

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Aroclor-1260 [2]	0.98	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:38	JMB
Surrogates	% Recovery	Recovery Limits		Flag					
Decachlorobiphenyl [1]	119	30-150					3/30/11 19:38		
Decachlorobiphenyl [2]	133	30-150					3/30/11 19:38		
Tetrachloro-m-xylene [1]	124	30-150					3/30/11 19:38		
Tetrachloro-m-xylene [2]	117	30-150					3/30/11 19:38		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:15

**Field Sample #:** 125-CBS-146

**Sample ID:** 11C0882-16

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:19

**Field Sample #:** 125-CBS-147

**Sample ID:** 11C0882-17

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Aroclor-1260 [2]	1.2	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 19:54	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	119	30-150						3/30/11 19:54	
Decachlorobiphenyl [2]	126	30-150						3/30/11 19:54	
Tetrachloro-m-xylene [1]	128	30-150						3/30/11 19:54	
Tetrachloro-m-xylene [2]	135	30-150						3/30/11 19:54	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:19

**Field Sample #:** 125-CBS-147

**Sample ID:** 11C0882-17

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:30

**Field Sample #:** 125-CBS-152

**Sample ID:** 11C0882-18

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Aroclor-1260 [2]	0.88	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:09	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	115	30-150						3/30/11 20:09	
Decachlorobiphenyl [2]	123	30-150						3/30/11 20:09	
Tetrachloro-m-xylene [1]	122	30-150						3/30/11 20:09	
Tetrachloro-m-xylene [2]	118	30-150						3/30/11 20:09	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:30

**Field Sample #:** 125-CBS-152

**Sample ID:** 11C0882-18

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.0		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:31

**Field Sample #:** 125-CBS-153

**Sample ID:** 11C0882-19

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Aroclor-1260 [2]	1.1	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:25	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	129	30-150						3/30/11 20:25	
Decachlorobiphenyl [2]	136	30-150						3/30/11 20:25	
Tetrachloro-m-xylene [1]	138	30-150						3/30/11 20:25	
Tetrachloro-m-xylene [2]	143	30-150						3/30/11 20:25	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:31

**Field Sample #:** 125-CBS-153

**Sample ID:** 11C0882-19

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:37

**Field Sample #:** 125-CBS-158

**Sample ID:** 11C0882-20

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Aroclor-1254 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Aroclor-1260 [2]	2.2	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	3/29/11	3/31/11 7:46	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	85.5	30-150						3/31/11 7:46	
Decachlorobiphenyl [2]	90.8	30-150						3/31/11 7:46	
Tetrachloro-m-xylene [1]	94.7	30-150						3/31/11 7:46	
Tetrachloro-m-xylene [2]	98.0	30-150						3/31/11 7:46	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:37

**Field Sample #:** 125-CBS-158

**Sample ID:** 11C0882-20

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:38

**Field Sample #:** 125-CBS-159

**Sample ID:** 11C0882-21

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Aroclor-1221 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Aroclor-1232 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Aroclor-1242 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Aroclor-1248 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Aroclor-1254 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Aroclor-1260 [2]	4.3	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Aroclor-1262 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Aroclor-1268 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	3/29/11	3/30/11 19:03	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	140	30-150						3/30/11 19:03	
Decachlorobiphenyl [2]	137	30-150						3/30/11 19:03	
Tetrachloro-m-xylene [1]	132	30-150						3/30/11 19:03	
Tetrachloro-m-xylene [2]	123	30-150						3/30/11 19:03	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:38

**Field Sample #:** 125-CBS-159

**Sample ID:** 11C0882-21

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:49

**Field Sample #:** 125-CBS-164

**Sample ID:** 11C0882-22

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Aroclor-1221 [1]	ND	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Aroclor-1232 [1]	ND	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Aroclor-1242 [1]	ND	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Aroclor-1248 [1]	ND	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Aroclor-1254 [1]	ND	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Aroclor-1260 [2]	3.2	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Aroclor-1262 [1]	ND	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Aroclor-1268 [1]	ND	0.41	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:16	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	136	30-150						3/30/11 19:16	
Decachlorobiphenyl [2]	134	30-150						3/30/11 19:16	
Tetrachloro-m-xylene [1]	132	30-150						3/30/11 19:16	
Tetrachloro-m-xylene [2]	125	30-150						3/30/11 19:16	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:49

**Field Sample #:** 125-CBS-164

**Sample ID:** 11C0882-22

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.5		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

**Field Sample #:** 125-CBSD-165

Sampled: 3/28/2011 10:49

**Sample ID:** 11C0882-23

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Aroclor-1254 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Aroclor-1260 [2]	2.4	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:30	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		115	30-150					3/30/11 19:30	
Decachlorobiphenyl [2]		115	30-150					3/30/11 19:30	
Tetrachloro-m-xylene [1]		105	30-150					3/30/11 19:30	
Tetrachloro-m-xylene [2]		93.9	30-150					3/30/11 19:30	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:49

**Field Sample #:** 125-CBSD-165

**Sample ID:** 11C0882-23

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.8		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:50

**Field Sample #:** 125-CBS-166

**Sample ID:** 11C0882-24

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Aroclor-1260 [1]	1.3	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 20:24	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	109	30-150						3/30/11 20:24	
Decachlorobiphenyl [2]	110	30-150						3/30/11 20:24	
Tetrachloro-m-xylene [1]	119	30-150						3/30/11 20:24	
Tetrachloro-m-xylene [2]	120	30-150						3/30/11 20:24	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 10:50

**Field Sample #:** 125-CBS-166

**Sample ID:** 11C0882-24

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.4		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:06

**Field Sample #:** 125-CBS-172

**Sample ID:** 11C0882-25

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Aroclor-1221 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Aroclor-1232 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Aroclor-1242 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Aroclor-1248 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Aroclor-1254 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Aroclor-1260 [2]	8.3	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Aroclor-1262 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Aroclor-1268 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082	3/29/11	3/30/11 23:48	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01			3/30/11 23:48	
Decachlorobiphenyl [2]	*		30-150		S-01			3/30/11 23:48	
Tetrachloro-m-xylene [1]	*		30-150		S-01			3/30/11 23:48	
Tetrachloro-m-xylene [2]	*		30-150		S-01			3/30/11 23:48	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:06

**Field Sample #:** 125-CBS-172

**Sample ID:** 11C0882-25

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.3		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:07

**Field Sample #:** 125-CBS-173

**Sample ID:** 11C0882-26

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Aroclor-1260 [2]	3.5	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:08	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	120		30-150					3/30/11 18:08	
Decachlorobiphenyl [2]	117		30-150					3/30/11 18:08	
Tetrachloro-m-xylene [1]	123		30-150					3/30/11 18:08	
Tetrachloro-m-xylene [2]	117		30-150					3/30/11 18:08	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:07

**Field Sample #:** 125-CBS-173

**Sample ID:** 11C0882-26

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:10

**Field Sample #:** 125-CBS-178

**Sample ID:** 11C0882-27

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Aroclor-1260 [2]	7.5	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:39	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01			3/31/11 5:39	
Decachlorobiphenyl [2]	*		30-150		S-01			3/31/11 5:39	
Tetrachloro-m-xylene [1]	*		30-150		S-01			3/31/11 5:39	
Tetrachloro-m-xylene [2]	*		30-150		S-01			3/31/11 5:39	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:10

**Field Sample #:** 125-CBS-178

**Sample ID:** 11C0882-27

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:11

**Field Sample #:** 125-CBS-179

**Sample ID:** 11C0882-28

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Aroclor-1260 [2]	5.9	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	3/29/11	3/31/11 5:52	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01			3/31/11 5:52	
Decachlorobiphenyl [2]	*		30-150		S-01			3/31/11 5:52	
Tetrachloro-m-xylene [1]	*		30-150		S-01			3/31/11 5:52	
Tetrachloro-m-xylene [2]	*		30-150		S-01			3/31/11 5:52	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:11

**Field Sample #:** 125-CBS-179

**Sample ID:** 11C0882-28

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.3		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:19

**Field Sample #:** 125-CBS-184

**Sample ID:** 11C0882-29

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Aroclor-1260 [1]	3.8	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:49	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	106	30-150						3/30/11 18:49	
Decachlorobiphenyl [2]	104	30-150						3/30/11 18:49	
Tetrachloro-m-xylene [1]	120	30-150						3/30/11 18:49	
Tetrachloro-m-xylene [2]	114	30-150						3/30/11 18:49	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:19

**Field Sample #:** 125-CBS-184

**Sample ID:** 11C0882-29

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

**Field Sample #:** 125-CBSD-185

Sampled: 3/28/2011 11:20

**Sample ID:** 11C0882-30

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Aroclor-1254 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Aroclor-1260 [1]	2.7	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:14	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	91.2	30-150						3/30/11 19:14	
Decachlorobiphenyl [2]	101	30-150						3/30/11 19:14	
Tetrachloro-m-xylene [1]	107	30-150						3/30/11 19:14	
Tetrachloro-m-xylene [2]	99.2	30-150						3/30/11 19:14	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:20

**Field Sample #:** 125-CBSD-185

**Sample ID:** 11C0882-30

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.8		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:21

**Field Sample #:** 125-CBS-186

**Sample ID:** 11C0882-31

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Aroclor-1260 [2]	2.3	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:29	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	88.4	30-150						3/30/11 19:29	
Decachlorobiphenyl [2]	99.9	30-150						3/30/11 19:29	
Tetrachloro-m-xylene [1]	108	30-150						3/30/11 19:29	
Tetrachloro-m-xylene [2]	100	30-150						3/30/11 19:29	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 11:21

**Field Sample #:** 125-CBS-186

**Sample ID:** 11C0882-31

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 14:36

**Field Sample #:** 125-CBS-267

**Sample ID:** 11C0882-32

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Aroclor-1260 [2]	0.35	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/30/11 16:27	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	84.0	30-150						3/30/11 16:27	
Decachlorobiphenyl [2]	89.5	30-150						3/30/11 16:27	
Tetrachloro-m-xylene [1]	95.4	30-150						3/30/11 16:27	
Tetrachloro-m-xylene [2]	87.5	30-150						3/30/11 16:27	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/28/2011 14:36

**Field Sample #:** 125-CBS-267

**Sample ID:** 11C0882-32

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.3		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 07:30

**Field Sample #:** 125-CBS-270

**Sample ID:** 11C0882-33

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Aroclor-1254 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Aroclor-1260 [1]	2.6	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:20	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	101	30-150							3/30/11 17:20
Decachlorobiphenyl [2]	112	30-150							3/30/11 17:20
Tetrachloro-m-xylene [1]	116	30-150							3/30/11 17:20
Tetrachloro-m-xylene [2]	106	30-150							3/30/11 17:20

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 07:30

**Field Sample #:** 125-CBS-270

**Sample ID:** 11C0882-33

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 07:35

**Field Sample #:** 125-CBS-271

**Sample ID:** 11C0882-34

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Aroclor-1260 [2]	2.7	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:34	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	107	30-150							3/30/11 17:34
Decachlorobiphenyl [2]	105	30-150							3/30/11 17:34
Tetrachloro-m-xylene [1]	106	30-150							3/30/11 17:34
Tetrachloro-m-xylene [2]	101	30-150							3/30/11 17:34

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 07:35

**Field Sample #:** 125-CBS-271

**Sample ID:** 11C0882-34

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 07:45

**Field Sample #:** 125-CBS-273

**Sample ID:** 11C0882-35

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Aroclor-1221 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Aroclor-1232 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Aroclor-1242 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Aroclor-1248 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Aroclor-1254 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Aroclor-1260 [2]	1.8	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Aroclor-1262 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Aroclor-1268 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 17:48	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	109	30-150						3/30/11 17:48	
Decachlorobiphenyl [2]	112	30-150						3/30/11 17:48	
Tetrachloro-m-xylene [1]	115	30-150						3/30/11 17:48	
Tetrachloro-m-xylene [2]	110	30-150						3/30/11 17:48	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 07:45

**Field Sample #:** 125-CBS-273

**Sample ID:** 11C0882-35

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.4		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 07:50

**Field Sample #:** 125-CBS-274

**Sample ID:** 11C0882-36

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Aroclor-1260 [2]	1.2	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:03	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	105	30-150						3/30/11 18:03	
Decachlorobiphenyl [2]	112	30-150						3/30/11 18:03	
Tetrachloro-m-xylene [1]	114	30-150						3/30/11 18:03	
Tetrachloro-m-xylene [2]	106	30-150						3/30/11 18:03	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 07:50

**Field Sample #:** 125-CBS-274

**Sample ID:** 11C0882-36

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:00

**Field Sample #:** 125-CBS-276

**Sample ID:** 11C0882-37

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Aroclor-1254 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Aroclor-1260 [2]	2.4	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:17	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	103	30-150						3/30/11 18:17	
Decachlorobiphenyl [2]	111	30-150						3/30/11 18:17	
Tetrachloro-m-xylene [1]	118	30-150						3/30/11 18:17	
Tetrachloro-m-xylene [2]	114	30-150						3/30/11 18:17	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:00

**Field Sample #:** 125-CBS-276

**Sample ID:** 11C0882-37

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:05

**Field Sample #:** 125-CBS-277

**Sample ID:** 11C0882-38

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Aroclor-1260 [2]	0.54	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:31	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	98.4	30-150						3/30/11 18:31	
Decachlorobiphenyl [2]	105	30-150						3/30/11 18:31	
Tetrachloro-m-xylene [1]	111	30-150						3/30/11 18:31	
Tetrachloro-m-xylene [2]	104	30-150						3/30/11 18:31	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:05

**Field Sample #:** 125-CBS-277

**Sample ID:** 11C0882-38

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.7		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:10

**Field Sample #:** 125-CBS-279

**Sample ID:** 11C0882-39

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Aroclor-1260 [2]	5.4	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 18:46	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	82.5	30-150							3/30/11 18:46
Decachlorobiphenyl [2]	99.5	30-150							3/30/11 18:46
Tetrachloro-m-xylene [1]	105	30-150							3/30/11 18:46
Tetrachloro-m-xylene [2]	96.5	30-150							3/30/11 18:46

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:10

**Field Sample #:** 125-CBS-279

**Sample ID:** 11C0882-39

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:15

**Field Sample #:** 125-CBS-280

**Sample ID:** 11C0882-40

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Aroclor-1221 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Aroclor-1232 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Aroclor-1242 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Aroclor-1248 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Aroclor-1254 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Aroclor-1260 [2]	4.7	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Aroclor-1262 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Aroclor-1268 [1]	ND	0.42	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 19:00	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	107	30-150							3/30/11 19:00
Decachlorobiphenyl [2]	120	30-150							3/30/11 19:00
Tetrachloro-m-xylene [1]	119	30-150							3/30/11 19:00
Tetrachloro-m-xylene [2]	111	30-150							3/30/11 19:00

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:15

**Field Sample #:** 125-CBS-280

**Sample ID:** 11C0882-40

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.7		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:25

**Field Sample #:** 125-CBS-282

**Sample ID:** 11C0882-41

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Aroclor-1254 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Aroclor-1260 [2]	0.88	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 21:54	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	112	30-150						3/30/11 21:54	
Decachlorobiphenyl [2]	116	30-150						3/30/11 21:54	
Tetrachloro-m-xylene [1]	113	30-150						3/30/11 21:54	
Tetrachloro-m-xylene [2]	122	30-150						3/30/11 21:54	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:25

**Field Sample #:** 125-CBS-282

**Sample ID:** 11C0882-41

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:26

**Field Sample #:** 125-CBS-283

**Sample ID:** 11C0882-42

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Aroclor-1254 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Aroclor-1260 [2]	2.5	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:09	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	115		30-150					3/30/11 22:09	
Decachlorobiphenyl [2]	120		30-150					3/30/11 22:09	
Tetrachloro-m-xylene [1]	114		30-150					3/30/11 22:09	
Tetrachloro-m-xylene [2]	122		30-150					3/30/11 22:09	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:26

**Field Sample #:** 125-CBS-283

**Sample ID:** 11C0882-42

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.4		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:50

**Field Sample #:** 125-CBS-285

**Sample ID:** 11C0882-43

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Aroclor-1260 [2]	0.99	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:25	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	109		30-150					3/30/11 22:25	
Decachlorobiphenyl [2]	113		30-150					3/30/11 22:25	
Tetrachloro-m-xylene [1]	108		30-150					3/30/11 22:25	
Tetrachloro-m-xylene [2]	119		30-150					3/30/11 22:25	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:50

**Field Sample #:** 125-CBS-285

**Sample ID:** 11C0882-43

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.2		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:55

**Field Sample #:** 125-CBS-286

**Sample ID:** 11C0882-44

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Aroclor-1260 [2]	0.67	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	3/29/11	3/30/11 22:40	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	107	30-150							3/30/11 22:40
Decachlorobiphenyl [2]	108	30-150							3/30/11 22:40
Tetrachloro-m-xylene [1]	109	30-150							3/30/11 22:40
Tetrachloro-m-xylene [2]	110	30-150							3/30/11 22:40

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

Sampled: 3/29/2011 08:55

**Field Sample #:** 125-CBS-286

**Sample ID:** 11C0882-44

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

**Field Sample #:** 125-CBSQ-144

Sampled: 3/28/2011 10:02

**Sample ID:** 11C0882-45

Sample Matrix: Equipment Blank Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:33	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	84.7		30-150					3/31/11 12:33	
Decachlorobiphenyl [2]	86.6		30-150					3/31/11 12:33	
Tetrachloro-m-xylene [1]	106		30-150					3/31/11 12:33	
Tetrachloro-m-xylene [2]	109		30-150					3/31/11 12:33	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

**Field Sample #:** 125-CBSQ-168

Sampled: 3/28/2011 10:55

**Sample ID:** 11C0882-46

Sample Matrix: Equipment Blank Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 12:47	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	53.9	30-150						3/31/11 12:47	
Decachlorobiphenyl [2]	55.5	30-150						3/31/11 12:47	
Tetrachloro-m-xylene [1]	108	30-150						3/31/11 12:47	
Tetrachloro-m-xylene [2]	112	30-150						3/31/11 12:47	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0882

Date Received: 3/29/2011

**Field Sample #:** 125-CBSQ-307

Sampled: 3/29/2011 09:00

**Sample ID:** 11C0882-47

Sample Matrix: Equipment Blank Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	3/31/11	3/31/11 13:00	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	61.3	30-150							3/31/11 13:00
Decachlorobiphenyl [2]	63.0	30-150							3/31/11 13:00
Tetrachloro-m-xylene [1]	99.1	30-150							3/31/11 13:00
Tetrachloro-m-xylene [2]	101	30-150							3/31/11 13:00

**Sample Extraction Data**
**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
11C0882-01 [125-CBS-100]	B028105	03/30/11
11C0882-02 [125-CBS-101]	B028105	03/30/11
11C0882-03 [125-CBS-106]	B028105	03/30/11
11C0882-04 [125-CBS-107]	B028105	03/30/11
11C0882-05 [125-CBS-109]	B028105	03/30/11
11C0882-06 [125-CBS-110]	B028105	03/30/11
11C0882-07 [125-CBS-112]	B028105	03/30/11
11C0882-08 [125-CBS-113]	B028105	03/30/11
11C0882-09 [125-CBS-127]	B028105	03/30/11
11C0882-10 [125-CBS-128]	B028105	03/30/11
11C0882-11 [125-CBS-130]	B028105	03/30/11
11C0882-12 [125-CBSD-131]	B028105	03/30/11
11C0882-13 [125-CBS-132]	B028105	03/30/11
11C0882-14 [125-CBS-137]	B028105	03/30/11
11C0882-15 [125-CBS-138]	B028105	03/30/11
11C0882-16 [125-CBS-146]	B028105	03/30/11
11C0882-17 [125-CBS-147]	B028105	03/30/11
11C0882-18 [125-CBS-152]	B028105	03/30/11
11C0882-19 [125-CBS-153]	B028105	03/30/11
11C0882-20 [125-CBS-158]	B028105	03/30/11
11C0882-21 [125-CBS-159]	B028105	03/30/11
11C0882-22 [125-CBS-164]	B028105	03/30/11
11C0882-23 [125-CBSD-165]	B028105	03/30/11
11C0882-24 [125-CBS-166]	B028105	03/30/11
11C0882-25 [125-CBS-172]	B028105	03/30/11
11C0882-26 [125-CBS-173]	B028105	03/30/11
11C0882-27 [125-CBS-178]	B028105	03/30/11
11C0882-28 [125-CBS-179]	B028105	03/30/11
11C0882-29 [125-CBS-184]	B028105	03/30/11
11C0882-30 [125-CBSD-185]	B028105	03/30/11
11C0882-31 [125-CBS-186]	B028105	03/30/11
11C0882-32 [125-CBS-267]	B028105	03/30/11
11C0882-33 [125-CBS-270]	B028105	03/30/11
11C0882-34 [125-CBS-271]	B028105	03/30/11
11C0882-35 [125-CBS-273]	B028105	03/30/11
11C0882-36 [125-CBS-274]	B028105	03/30/11
11C0882-37 [125-CBS-276]	B028105	03/30/11
11C0882-38 [125-CBS-277]	B028105	03/30/11
11C0882-39 [125-CBS-279]	B028105	03/30/11
11C0882-40 [125-CBS-280]	B028105	03/30/11
11C0882-41 [125-CBS-282]	B028105	03/30/11
11C0882-42 [125-CBS-283]	B028105	03/30/11
11C0882-43 [125-CBS-285]	B028105	03/30/11
11C0882-44 [125-CBS-286]	B028105	03/30/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11C0882-41 [125-CBS-282]	B028054	10.1	50.0	03/29/11
11C0882-42 [125-CBS-283]	B028054	10.2	50.0	03/29/11
11C0882-43 [125-CBS-285]	B028054	10.0	50.0	03/29/11
11C0882-44 [125-CBS-286]	B028054	10.0	50.0	03/29/11

**Sample Extraction Data**
**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11C0882-21 [125-CBS-159]	B028057	10.1	50.0	03/29/11
11C0882-22 [125-CBS-164]	B028057	10.2	50.0	03/29/11
11C0882-23 [125-CBSD-165]	B028057	10.0	50.0	03/29/11
11C0882-24 [125-CBS-166]	B028057	10.0	50.0	03/29/11
11C0882-25 [125-CBS-172]	B028057	10.1	50.0	03/29/11
11C0882-26 [125-CBS-173]	B028057	10.2	50.0	03/29/11
11C0882-27 [125-CBS-178]	B028057	10.0	50.0	03/29/11
11C0882-28 [125-CBS-179]	B028057	10.0	50.0	03/29/11
11C0882-29 [125-CBS-184]	B028057	10.1	50.0	03/29/11
11C0882-30 [125-CBSD-185]	B028057	10.2	50.0	03/29/11
11C0882-31 [125-CBS-186]	B028057	10.1	50.0	03/29/11
11C0882-32 [125-CBS-267]	B028057	10.2	50.0	03/29/11
11C0882-33 [125-CBS-270]	B028057	10.0	50.0	03/29/11
11C0882-34 [125-CBS-271]	B028057	10.0	50.0	03/29/11
11C0882-35 [125-CBS-273]	B028057	10.1	50.0	03/29/11
11C0882-36 [125-CBS-274]	B028057	10.2	50.0	03/29/11
11C0882-37 [125-CBS-276]	B028057	10.0	50.0	03/29/11
11C0882-38 [125-CBS-277]	B028057	10.0	50.0	03/29/11
11C0882-39 [125-CBS-279]	B028057	10.1	50.0	03/29/11
11C0882-40 [125-CBS-280]	B028057	10.2	50.0	03/29/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11C0882-01 [125-CBS-100]	B028059	10.1	50.0	03/29/11
11C0882-02 [125-CBS-101]	B028059	10.2	50.0	03/29/11
11C0882-03 [125-CBS-106]	B028059	10.0	50.0	03/29/11
11C0882-04 [125-CBS-107]	B028059	10.0	50.0	03/29/11
11C0882-05 [125-CBS-109]	B028059	10.1	50.0	03/29/11
11C0882-06 [125-CBS-110]	B028059	10.2	50.0	03/29/11
11C0882-07 [125-CBS-112]	B028059	10.0	50.0	03/29/11
11C0882-08 [125-CBS-113]	B028059	10.0	50.0	03/29/11
11C0882-09 [125-CBS-127]	B028059	10.1	50.0	03/29/11
11C0882-10 [125-CBS-128]	B028059	10.2	50.0	03/29/11
11C0882-11 [125-CBS-130]	B028059	10.1	50.0	03/29/11
11C0882-12 [125-CBSD-131]	B028059	10.2	50.0	03/29/11
11C0882-13 [125-CBS-132]	B028059	10.0	50.0	03/29/11
11C0882-14 [125-CBS-137]	B028059	10.0	50.0	03/29/11
11C0882-15 [125-CBS-138]	B028059	10.1	50.0	03/29/11
11C0882-16 [125-CBS-146]	B028059	10.2	50.0	03/29/11
11C0882-17 [125-CBS-147]	B028059	10.0	50.0	03/29/11
11C0882-18 [125-CBS-152]	B028059	10.1	50.0	03/29/11
11C0882-19 [125-CBS-153]	B028059	10.2	50.0	03/29/11
11C0882-20 [125-CBS-158]	B028059	10.0	50.0	03/29/11

**Prep Method: SW-846 3510C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11C0882-45 [125-CBSQ-144]	B028165	1000	10.0	03/31/11
11C0882-46 [125-CBSQ-168]	B028165	1000	10.0	03/31/11
11C0882-47 [125-CBSQ-307]	B028165	1000	10.0	03/31/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028054 - SW-846 3540C**

<b>Blank (B028054-BLK1)</b>					Prepared: 03/29/11 Analyzed: 03/30/11					
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.174		mg/Kg wet	0.200		87.2		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.179		mg/Kg wet	0.200		89.4		30-150		
Surrogate: Tetrachloro-m-xylene	0.196		mg/Kg wet	0.200		98.0		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.209		mg/Kg wet	0.200		105		30-150		

<b>LCS (B028054-BS1)</b>					Prepared: 03/29/11 Analyzed: 03/30/11					
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		91.0		40-140		
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		95.8		40-140		
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		114		40-140		
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		119		40-140		
Surrogate: Decachlorobiphenyl	0.242		mg/Kg wet	0.200		121		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.248		mg/Kg wet	0.200		124		30-150		
Surrogate: Tetrachloro-m-xylene	0.205		mg/Kg wet	0.200		102		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.213		mg/Kg wet	0.200		107		30-150		

<b>LCS Dup (B028054-BSD1)</b>					Prepared: 03/29/11 Analyzed: 03/30/11					
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		106		40-140	15.0	30
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		109		40-140	13.2	30
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		102		40-140	10.5	30
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		110		40-140	7.84	30
Surrogate: Decachlorobiphenyl	0.200		mg/Kg wet	0.200		100		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.206		mg/Kg wet	0.200		103		30-150		
Surrogate: Tetrachloro-m-xylene	0.179		mg/Kg wet	0.200		89.7		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.183		mg/Kg wet	0.200		91.6		30-150		



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

## **Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting	Units	Spike	Source	%REC	%REC	Limits	RPD	RPD	Notes
		Limit		Level	Result	%REC			RPD	Limit	

**Batch B028054 - SW-846 3540C**

Batch B028057 - SW-846 3540C

Blank (B028057-BLK1)		Prepared: 03/29/11 Analyzed: 03/30/11				
Aroclor-1016	ND	0.10	mg/Kg wet			
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1221	ND	0.10	mg/Kg wet			
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1232	ND	0.10	mg/Kg wet			
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1242	ND	0.10	mg/Kg wet			
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1248	ND	0.10	mg/Kg wet			
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1254	ND	0.10	mg/Kg wet			
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1260	ND	0.10	mg/Kg wet			
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1262	ND	0.10	mg/Kg wet			
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1268	ND	0.10	mg/Kg wet			
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet			
Surrogate: Decachlorobiphenyl	0.273		mg/Kg wet	0.200	137	30-150
Surrogate: Decachlorobiphenyl [2C]	0.286		mg/Kg wet	0.200	143	30-150
Surrogate: Tetrachloro-m-xylene	0.293		mg/Kg wet	0.200	147	30-150
Surrogate: Tetrachloro-m-xylene [2C]	0.302		mg/Kg wet	0.200	151 *	30-150

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028057 - SW-846 3540C**

<b>LCS (B028057-BS1)</b>		Prepared: 03/29/11 Analyzed: 03/30/11						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200	100	40-140		
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200	102	40-140		
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200	106	40-140		
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200	111	40-140		

Surrogate: Decachlorobiphenyl	0.219	mg/Kg wet	0.200	109	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.229	mg/Kg wet	0.200	115	30-150			
Surrogate: Tetrachloro-m-xylene	0.215	mg/Kg wet	0.200	107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.221	mg/Kg wet	0.200	111	30-150			

<b>LCS Dup (B028057-BSD1)</b>		Prepared: 03/29/11 Analyzed: 03/30/11						
Aroclor-1016	0.25	0.10	mg/Kg wet	0.200	124	40-140	21.3	30
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200	125	40-140	19.8	30
Aroclor-1260	0.24	0.10	mg/Kg wet	0.200	122	40-140	14.0	30
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200	126	40-140	12.7	30
Surrogate: Decachlorobiphenyl	0.236	mg/Kg wet	0.200	118	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.244	mg/Kg wet	0.200	122	30-150			
Surrogate: Tetrachloro-m-xylene	0.252	mg/Kg wet	0.200	126	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.260	mg/Kg wet	0.200	130	30-150			

<b>Matrix Spike (B028057-MS1)</b>		Source: 11C0882-21 Prepared: 03/29/11 Analyzed: 03/30/11						
Aroclor-1016	0.29	0.11	mg/Kg dry	0.226	0.0	127	40-140	
Aroclor-1016 [2C]	0.31	0.11	mg/Kg dry	0.226	0.0	139	40-140	
<b>Aroclor-1260</b>	3.0	0.11	mg/Kg dry	0.226	4.2	<b>-536</b> *	40-140	MS-19
<b>Aroclor-1260 [2C]</b>	3.3	0.11	mg/Kg dry	0.226	4.3	<b>-438</b> *	40-140	MS-19
Surrogate: Decachlorobiphenyl	0.252	mg/Kg dry	0.226	112	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.282	mg/Kg dry	0.226	125	30-150			
Surrogate: Tetrachloro-m-xylene	0.296	mg/Kg dry	0.226	131	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.291	mg/Kg dry	0.226	129	30-150			

<b>Matrix Spike Dup (B028057-MSD1)</b>		Source: 11C0882-21 Prepared: 03/29/11 Analyzed: 03/30/11							
Aroclor-1016	0.26	0.11	mg/Kg dry	0.226	0.0	116	40-140	9.22	50
Aroclor-1016 [2C]	0.27	0.11	mg/Kg dry	0.226	0.0	117	40-140	17.0	50
<b>Aroclor-1260</b>	2.3	0.11	mg/Kg dry	0.226	4.2	<b>-859</b> *	40-140	27.8	50
<b>Aroclor-1260 [2C]</b>	2.5	0.11	mg/Kg dry	0.226	4.3	<b>-816</b> *	40-140	29.3	50
Surrogate: Decachlorobiphenyl	0.183	mg/Kg dry	0.226	81.0	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.214	mg/Kg dry	0.226	95.0	30-150				
Surrogate: Tetrachloro-m-xylene	0.225	mg/Kg dry	0.226	99.5	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.218	mg/Kg dry	0.226	96.8	30-150				

<b>Blank (B028059-BLK1)</b>		Prepared: 03/29/11 Analyzed: 03/30/11						
Aroclor-1016	ND	0.10	mg/Kg wet					
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet					
Aroclor-1221	ND	0.10	mg/Kg wet					
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet					
Aroclor-1232	ND	0.10	mg/Kg wet					
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet					
Aroclor-1242	ND	0.10	mg/Kg wet					
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet					
Aroclor-1248	ND	0.10	mg/Kg wet					
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet					
Aroclor-1254	ND	0.10	mg/Kg wet					

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028059 - SW-846 3540C**

<b>Blank (B028059-BLK1)</b>	Prepared: 03/29/11 Analyzed: 03/30/11									
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.237		mg/Kg wet	0.200	119	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.269		mg/Kg wet	0.200	134	30-150				
Surrogate: Tetrachloro-m-xylene	0.229		mg/Kg wet	0.200	115	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.251		mg/Kg wet	0.200	126	30-150				
<b>LCS (B028059-BS1)</b>	Prepared: 03/29/11 Analyzed: 03/30/11									
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200	91.6	40-140				
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200	110	40-140				
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200	91.4	40-140				
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200	101	40-140				
Surrogate: Decachlorobiphenyl	0.236		mg/Kg wet	0.200	118	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.267		mg/Kg wet	0.200	133	30-150				
Surrogate: Tetrachloro-m-xylene	0.235		mg/Kg wet	0.200	117	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.259		mg/Kg wet	0.200	129	30-150				
<b>LCS Dup (B028059-BSD1)</b>	Prepared: 03/29/11 Analyzed: 03/30/11									
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200	93.0	40-140	1.51	30		
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200	109	40-140	0.476	30		
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200	95.0	40-140	3.85	30		
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200	105	40-140	3.77	30		
Surrogate: Decachlorobiphenyl	0.243		mg/Kg wet	0.200	122	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.277		mg/Kg wet	0.200	138	30-150				
Surrogate: Tetrachloro-m-xylene	0.232		mg/Kg wet	0.200	116	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.255		mg/Kg wet	0.200	127	30-150				
<b>Matrix Spike (B028059-MS1)</b>	Source: 11C0882-01 Prepared: 03/29/11 Analyzed: 03/30/11									
Aroclor-1016	0.25	0.12	mg/Kg dry	0.238	0.0	105	40-140			
Aroclor-1016 [2C]	0.28	0.12	mg/Kg dry	0.238	0.0	120	40-140			
Aroclor-1260	1.8	0.12	mg/Kg dry	0.238	1.6	81.8	40-140			
Aroclor-1260 [2C]	2.0	0.12	mg/Kg dry	0.238	1.8	88.1	40-140			
Surrogate: Decachlorobiphenyl	0.261		mg/Kg dry	0.238	109	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.269		mg/Kg dry	0.238	113	30-150				
Surrogate: Tetrachloro-m-xylene	0.307		mg/Kg dry	0.238	129	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.317		mg/Kg dry	0.238	133	30-150				
<b>Matrix Spike Dup (B028059-MSD1)</b>	Source: 11C0882-01 Prepared: 03/29/11 Analyzed: 03/30/11									
Aroclor-1016	0.24	0.12	mg/Kg dry	0.238	0.0	101	40-140	3.60	50	
Aroclor-1016 [2C]	0.27	0.12	mg/Kg dry	0.238	0.0	112	40-140	6.87	50	
<b>Aroclor-1260</b>	1.6	0.12	mg/Kg dry	0.238	1.6	6.35 *	40-140	10.5	50	MS-22
<b>Aroclor-1260 [2C]</b>	1.8	0.12	mg/Kg dry	0.238	1.8	10.1 *	40-140	9.76	50	MS-22
Surrogate: Decachlorobiphenyl	0.265		mg/Kg dry	0.238	111	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.270		mg/Kg dry	0.238	113	30-150				
Surrogate: Tetrachloro-m-xylene	0.312		mg/Kg dry	0.238	131	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.318		mg/Kg dry	0.238	134	30-150				

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028165 - SW-846 3510C**

<b>Blank (B028165-BLK1)</b>					Prepared & Analyzed: 03/31/11					
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	2.36		µg/L	2.00		118	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.40		µg/L	2.00		120	30-150			
Surrogate: Tetrachloro-m-xylene	2.39		µg/L	2.00		119	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.43		µg/L	2.00		122	30-150			

<b>LCS (B028165-BS1)</b>					Prepared & Analyzed: 03/31/11					
Aroclor-1016	0.59	0.20	µg/L	0.500		118	40-140			
Aroclor-1016 [2C]	0.58	0.20	µg/L	0.500		116	40-140			
Aroclor-1260	0.58	0.20	µg/L	0.500		116	40-140			
Aroclor-1260 [2C]	0.59	0.20	µg/L	0.500		118	40-140			
Surrogate: Decachlorobiphenyl	2.41		µg/L	2.00		121	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.47		µg/L	2.00		123	30-150			
Surrogate: Tetrachloro-m-xylene	2.56		µg/L	2.00		128	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.71		µg/L	2.00		135	30-150			

<b>LCS Dup (B028165-BSD1)</b>					Prepared & Analyzed: 03/31/11					
Aroclor-1016	0.54	0.20	µg/L	0.500		108	40-140	8.34	20	
Aroclor-1016 [2C]	0.54	0.20	µg/L	0.500		109	40-140	6.25	20	
Aroclor-1260	0.57	0.20	µg/L	0.500		114	40-140	1.13	20	
Aroclor-1260 [2C]	0.59	0.20	µg/L	0.500		118	40-140	0.0663	20	
Surrogate: Decachlorobiphenyl	2.40		µg/L	2.00		120	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.47		µg/L	2.00		123	30-150			
Surrogate: Tetrachloro-m-xylene	2.39		µg/L	2.00		119	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.57		µg/L	2.00		129	30-150			

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
  - † Wide recovery limits established for difficult compound.
  - ‡ Wide RPD limits established for difficult compound.
  - # Data exceeded client recommended or regulatory level
- Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
- MS-19 Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
- MS-22 Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
- MS-25 Matrix spike recovery bias high due to PCB aroclors present in the source sample.
- S-01 The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
- S-12 Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>SW-846 8082 in Soil</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Water</i></b>	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012

# CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page

Company Name: **Woodard & Curran** Telephone: **978-557-8150**  
Address: **35 New England Business Dr, Ste 100 Andover, MA 01810**

Attention: **Amy Wallace** Project # **223947**  
Project Location: **135 Western Ave**  
Sampled By: **Amy Wallace**

Project Proposal Provided? (for billing purposes)  
 Yes \_\_\_\_\_ proposal date

Client PO# **DATA DELIVERY (check all that apply)**  
 FAX  EMAIL  WEBSITE

Fax #

Email: **awallace@woodardcurran.com**

Format:  PDF  EXCEL  GIS

OTHER

Collection **"Enhanced Data Package"**

PCB (2710C/808a)

ANALYSIS REQUESTED

Dissolved Metals

Field Filtered

Lab to Filter

\*\*\*Cont. Code:

A=Amber Glass

G=Glass

P=Plastic

S=Sterile

V=vial

S=summa can

T=tederal bag

O=Other

\*\*Preservation

I=iced

H=HCL

M=Methanol

N=Nitric Acid

S=Sulfuric Acid

B=Sodium bisulfate

X=Na hydroxide

T=Na thiosulfate

O=Other

Matrix Code:

GW=Groundwater

WW=Wastewater

DW=drinking water

A=air

S=soil/solid

SL=sludge

O=other

Page **108 of 122**

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# CHAIN OF CUSTODY RECORD

39 Spruce Street  
 East Longmeadow, MA 01028

Page 2 of 122

Company Name: Woodard & Curran  
 Address: 35 New England Business Ctr, Suite 180, Andover, MA 01810

Telephone: 978-557-8150 Project # 11C0882

I			# of Cont.
A			** Preser.
			** Contain. Code

Attention: Amy Wallace

Project Location: 125 Western Ave

Sampled By: Amy Wallace

Project Proposal Provided? (for billing purposes)  
 Yes \_\_\_\_\_ proposal date

Client PO# DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEB SITE  
 Fax #

Email: awallace@woodardcurran.com

Format: PDF  EXCEL  ODS  
 OTHER

PCB (3840C/8082)

ANALYSIS REQUESTED

Dissolved metal

O Field Filtered

O Lab to Filter

\*\* Cont. Code

A=Amber Glass

G=Glass

P=Plastic

ST=sterile

V=Vial

S=Summa can

T=tedlar bag

O=Other

\*\* Preservation

I=Iced

H=HCl

M=Methanol

N=Nitric Acid

S=Sulfuric Acid

B=Sodium bisulfate

X=Na hydroxide

T=Na thiosulfate

O=Other

\*Matrix Code:

GW=Groundwater

WW=wastewater

DW=drinking water

A=air

SL=sludge

S=soil/solid

O=other

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection		Enhanced Data Package <sup>a</sup>	
		Beginning Date/Time	Ending Date/Time	Composite	Grab Date
11	125-CBS-130	3/26/11	9:10	X	5 L X
12	125-CBS-131		9:15		
13	125-CBS-132		9:20		
14	125-CBS-137		9:45		
15	125-CBS-138		9:45		
16	125-CBS-146		10:15		
17	125-CBS-147		10:19		
18	125-CBS-152		10:35		
19	125-CBS-153		10:31		
20	125-CBS-158		10:37		

Comments: PCBs via USEPA 8082 / Soxhlet extraction  
 P.L. = 1.0 mg/kg

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Cone. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by (signature) <i>John Wallace</i>	Date/Time: 3/26/11 11:30	Turnaround If 7-Day	Detection Limit Requirements	
Received by (signature) <i>John Wallace</i>	Date/Time: 3/27/11 11:00	<input type="checkbox"/> 10-Day <input type="checkbox"/> Other _____	Massachusetts: _____	
Relinquished by (signature) <i>John Wallace</i>	Date/Time: 3/28/11 19:00	<input type="checkbox"/> RUSH <input type="checkbox"/> 24-Hr <input checked="" type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day	Connecticut: _____	
Received by (signature) <i>John Wallace</i>	Date/Time: 3/29/11 19:00	<input type="checkbox"/> Require lab approval Other: <u>± 1.0 mg/kg</u>		

COMPLETLY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO ANSWER QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT



Is your project MCP or RCP?

- MCP Analytical Certification Form Required  
 RCP Analysis Certification Form Required  
 MA State DW Form Required PWSID #

<sup>a</sup>ACREDITED IN ACCORDANCE WITH THE NATIONAL ENVIRONMENTAL LABORATORY ACCREDITATION CONVENTION (NELAC) AND THE AMERICAN SOCIETY FOR HAZARDOUS MATERIALS (AIHA) STANDARDS FOR ENVIRONMENTAL ANALYSIS. THIS FORM IS CERTIFIED BY THE LABORATORY TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MASSACHUSETTS DRINKING WATER REGULATIONS.

# Contest<sup>®</sup>

Phone: 413-525-2332  
Fax: 413-525-6405  
Email: info@contestlabs.com  
www.contestlabs.com

## CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 3

Company Name: **Woodard & Curran**  
Address: **35 New England Business Dr, Suite 180**  
Attention: **Amy Wallace**  
Project Location: **125 Western Ave**  
Sampled By: **Amy Wallace**

Telephone: **978-557-8150**  
Project #: **A.2.3947**

ANALYSIS REQUESTED  
**PCB (3540c/8082)**

<input checked="" type="checkbox"/> Dissolved Metals
<input type="checkbox"/> Field Filtered
<input type="checkbox"/> Lab to Filter
<input type="checkbox"/> Other
<input type="checkbox"/> ***Container Code

Client PO# **11 CO 882**  
DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE

Email: **wallace@woodardcurran.com**

Project Proposal Provided? (for billing purposes)  
 Yes \_\_\_\_\_ proposal date \_\_\_\_\_

Format:	<input checked="" type="checkbox"/> PDF	<input type="checkbox"/> EXCEL	<input type="checkbox"/> CIS
Collection	<input type="checkbox"/> "Enhanced Data Package"		
Beginning Date/Time	<input type="checkbox"/>	Matrix Code	Date/Code
Ending Date/Time	<input type="checkbox"/>	G	
Composite	<input type="checkbox"/>	S	
Grab	<input type="checkbox"/>	L	
	<input type="checkbox"/>	X	

*Preservation	
I = Iced	glass
H = HCl	G = Glass
M = Methanol	P = plastic
N = Nitric Acid	S = stainless
S = Sulfuric Acid	V = vial
B = Sodium bisulfite	T = Tedlar bag
X = Na hydroxide	O = Other
T = Na thiosulfate	
O = Other	

Comments: PCBs via USEPA 8082 / Soxhlet extraction  
R.L. ≤ 1.0 mg/kg

Relinquished by (signature)	Date/Time:	Turnaround <sup>†</sup>	Detection Limit Requirements		Is your project MCP or RCP?
			Massachusetts:	Other:	
<i>Jeanne Wall</i>	3/29/11 14:30	□ 7-Day			<input checked="" type="checkbox"/> MCP Analytical Certification Form Required
<i>Jeanne Wall</i>	3/29/11 16:20	□ 10-Day			<input type="checkbox"/> RCP Analysis Certification Form Required
<i>Jeanne Wall</i>	3/29/11 19:00	□ Other			<input type="checkbox"/> MA State DW Form Required PWSID #
Recovered by (signature)	Date/Time:	□ 24-Hr <input checked="" type="checkbox"/> 48-Hr RUSH <sup>†</sup>	Connecitcut:		
<i>Jeanne Wall</i>	3/29/11 19:00	□ 72-Hr <input type="checkbox"/> 4-Day			
Turnaround time (business days) STARTS AT 9:00 AM THE DAY AFTER		† Require lab approval	Other:		≤ 1.0 mg/kg

Please use the following codes to let Cont-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

GW = groundwater  
WW = wastewater  
DW = drinking water  
A = air  
SL = sludge  
S = soil/solid  
O = other

Received by (signature)	Date/Time:	Turnaround <sup>†</sup>	Detection Limit Requirements	Is your project MCP or RCP?
<i>Jeanne Wall</i>	3/29/11 14:30	□ 7-Day	Massachusetts:	<input checked="" type="checkbox"/> MCP Analytical Certification Form Required
Relinquished by (signature)	Date/Time:	□ 10-Day	Other:	<input type="checkbox"/> RCP Analysis Certification Form Required
<i>Jeanne Wall</i>	3/29/11 19:00	□ Other	Connecitcut:	<input type="checkbox"/> MA State DW Form Required PWSID #
Recovered by (signature)	Date/Time:	□ 24-Hr <input checked="" type="checkbox"/> 48-Hr RUSH <sup>†</sup>		
<i>Jeanne Wall</i>	3/29/11 19:00	□ 72-Hr <input type="checkbox"/> 4-Day		

Turnaround time (business days) STARTS AT 9:00 AM THE DAY AFTER



NELAC & AIHA Certified

Company Name: Woodard & Curran  
Attention: Amy Wallace  
Project Location: 125 Western Ave  
Sampled By: Amy Wallace

Project Proposal Provided? (for billing purposes)  
 Yes  proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection	DATA DELIVERY (check all that apply)
3	125-CBS-186	3/26/11 11:21	<input type="checkbox"/> FAX <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> WEBSITE
125	125-CBS-192	12:57	<input type="checkbox"/> Client PO# <input type="checkbox"/> Project #
125	125-CBS-193	12:59	<input type="checkbox"/> Dissolved Metals <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter
125	125-CBS-199	13:19	<input type="checkbox"/> Enhanced Data Package
125	125-CBS-226	13:28	<input type="checkbox"/> "Other"
125	125-CBS-232	13:34	<input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> CIS
125	125-CBS-238	13:39	<input type="checkbox"/> "Other"
Comments:	PCB (3540C/8082)		

Refinshed by: (signature)	Date/Time:	Turnaround	ANALYSIS REQUESTED
Amy Wallace	3/29/11 10:30	<input type="checkbox"/> 7-Day	
Refinshed by: (signature)	Date/Time:	10-Day	
Jeanne Mays	3/29/11 19:00	<input type="checkbox"/> Other	
Received By: (signature)	Date/Time:	RUSH <sup>†</sup>	
Jeanne Mays	3/29/11 17:40	<input type="checkbox"/> 24-Hr <input checked="" type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day	
Comments:	Require lab approval	Other	≤ 1.0 mg/kg

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Cone. Code Box:	H - High; M - Medium; L - Low; C - Clean; U - Unknown
Matrix Code:	GW = Groundwater
GW	WW = Wastewater
DW	DW = Drinking Water
A	A = air
S	S = soil/solid
SL	SL = sludge
O	O = other

Turnaround	Detection Limit Requirements
Massachusetts:	H - High; M - Medium; L - Low; C - Clean; U - Unknown
Connecicut:	
Other:	

Is your project MCP or RCP?

MCP Analytical Certification Form Required  
 RCP Analysis Certification Form Required  
 MA State DWV Form Required PWSID # \_\_\_\_\_

*Handwritten Signature*

NELAC & AIHA Certified  
WBEDBE Certified

RECEIVED IN ACCORDANCE WITH THE MASSACHUSETTS  
WATER POLLUTION CONTROL ACT  
AIHA

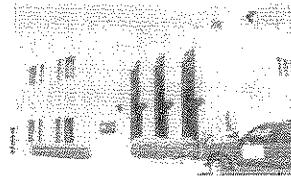
Turnaround time (business days) starts at 9:00 A.M. The day after sample receipt unless there are questions on your chain. If this form is not filled out completely or is incorrect, turnaround time will not start until all questions are answered.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT





39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



## Sample Receipt Checklist

CLIENT NAME: Woodward + Curran

RECEIVED BY: C15

DATE: 3/29/11

1) Was the chain(s) of custody relinquished and signed?

Yes  No

2) Does the chain agree with the samples?

Yes  No

If not, explain:

3) Are all the samples in good condition?

Yes  No

If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?

Yes  No  N/A

Temperature °C by Temp blank: \_\_\_\_\_ Temperature °C by Temp gun: 2.1°

5) Are there Dissolved samples for the lab to filter?

Yes  No

Who was notified \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

6) Are there any samples "On Hold"?

Yes  No

Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples?

Yes  No

Who was notified \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

8) Location where samples are stored:

19

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature: \_\_\_\_\_

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	6	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	5
250 mL Amber (8oz amber)	39	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____	# Methanol _____	Time and Date Frozen: _____
# Bisulfate _____	# DI Water _____	
# Thiosulfate _____	Unpreserved _____	

Do all samples have the proper Acid pH: Yes No (N/A) \_\_\_\_\_

Do all samples have the proper Base pH: Yes No (N/A) \_\_\_\_\_

**11C0882-01****125-CBS-100**

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.8	1.610073
<b>Surrogates</b>		
Decachlorobiphenyl	0.276	0.2754104
Tetrachloro-m-xylene	0.326	0.3457322

**11C0882-02****125-CBS-101**

Analyte	Results	%RPD
Aroclor-1260 [2C]	3.8	3.444662
<b>Surrogates</b>		
Decachlorobiphenyl	0.435	0.4210515
Tetrachloro-m-xylene	0.444	0.4697563

**11C0882-03****125-CBS-106**

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.6	1.446214
<b>Surrogates</b>		
Decachlorobiphenyl	0.199	0.1961269
Tetrachloro-m-xylene	0.208	0.2169475

**11C0882-04****125-CBS-107**

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.8	1.661478
<b>Surrogates</b>		
Decachlorobiphenyl	0.274	0.2917805
Tetrachloro-m-xylene	0.302	0.2906495

**11C0882-05****125-CBS-109**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.15	0.1248906
<b>Surrogates</b>		
Decachlorobiphenyl	0.248	0.2856263
Tetrachloro-m-xylene	0.271	0.2804052

**11C0882-06****125-CBS-110**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.13	0.1077037
<b>Surrogates</b>		
Decachlorobiphenyl	0.251	0.2900346
Tetrachloro-m-xylene	0.282	0.2803294

**11C0882-07****125-CBS-112**

Analyte	Results	%RPD
Aroclor-1260 [2C]	4.2	3.795426
<b>Surrogates</b>		
Decachlorobiphenyl	0.256	0.2512658
Tetrachloro-m-xylene	0.216	0.2321922

**11C0882-08****125-CBS-113**

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.5	1.400373
<b>Surrogates</b>		
Decachlorobiphenyl	0.240	0.2417946
Tetrachloro-m-xylene	0.264	0.2789834

**11C0882-09****125-CBS-127**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.92	0.7904174
<b>Surrogates</b>		
Decachlorobiphenyl	0.291	0.3326501

Tetrachloro-m-xylene 0.283 0.3059579 7.8

**11C0882-10** 125-CBS-128

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.60	0.5495679
<u>Surrogates</u>		
Decachlorobiphenyl	0.239	0.2649155
Tetrachloro-m-xylene	0.264	6.39

**11C0882-11** 125-CBS-130

Analyte	Results	%RPD
Aroclor-1260 [2C]	5.5	4.963771
<u>Surrogates</u>		
Decachlorobiphenyl	0.298	0.3269115
Tetrachloro-m-xylene	0.314	9.25
		1.22

**11C0882-12** 125-CBS-131

Analyte	Results	%RPD
Aroclor-1260 [2C]	6.1	5.649408

**11C0882-13** 125-CBS-132

Analyte	Results	%RPD
Aroclor-1260 [2C]	8.1	7.612343

**11C0882-14** 125-CBS-137

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.9	1.823629
<u>Surrogates</u>		
Decachlorobiphenyl	0.281	0.3067236
Tetrachloro-m-xylene	0.309	8.75
		2.86

**11C0882-15** 125-CBS-138

Analyte	Results	%RPD
Aroclor-1260 [2C]	2.1	1.897428
<u>Surrogates</u>		
Decachlorobiphenyl	0.292	0.3073915
Tetrachloro-m-xylene	0.304	5.14
		4.65

**11C0882-16** 125-CBS-146

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.98	0.931276
<u>Surrogates</u>		
Decachlorobiphenyl	0.269	0.3018426
Tetrachloro-m-xylene	0.283	11.5
		6.22

**11C0882-17** 125-CBS-147

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.2	1.084229
<u>Surrogates</u>		
Decachlorobiphenyl	0.274	0.2900863
Tetrachloro-m-xylene	0.296	5.7
		5.14

**11C0882-18** 125-CBS-152

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.88	0.8158062
<u>Surrogates</u>		
Decachlorobiphenyl	0.272	0.2891737
Tetrachloro-m-xylene	0.288	6.12
		3.2

**11C0882-19** 125-CBS-153

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.1	1.033779
<u>Surrogates</u>		

Decachlorobiphenyl	0.287	0.3025847	5.29
Tetrachloro-m-xylene	0.307	0.3189951	3.83

**11C0882-20**            125-CBS-158

Analyte	Results	%RPD
Aroclor-1260 [2C]	2.2	1.908307
<u>Surrogates</u>		
Decachlorobiphenyl	0.389	0.4125455
Tetrachloro-m-xylene	0.430	0.445375

**11C0882-21**            125-CBS-159

Analyte	Results	%RPD
Aroclor-1260 [2C]	4.3	4.195656
<u>Surrogates</u>		
Decachlorobiphenyl	0.313	0.3063049
Tetrachloro-m-xylene	0.295	0.2745122

**11C0882-22**            125-CBS-164

Analyte	Results	%RPD
Aroclor-1260 [2C]	3.2	3.202177
<u>Surrogates</u>		
Decachlorobiphenyl	0.279	0.2745098
Tetrachloro-m-xylene	0.271	0.2574684

**11C0882-23**            125-CBSD-165

Analyte	Results	%RPD
Aroclor-1260 [2C]	2.4	2.407371
<u>Surrogates</u>		
Decachlorobiphenyl	0.249	0.2486422
Tetrachloro-m-xylene	0.226	0.2023491

**11C0882-24**            125-CBS-166

Analyte	Results	%RPD
Aroclor-1260	1.3	1.314545
<u>Surrogates</u>		
Decachlorobiphenyl	0.234	0.2356317
Tetrachloro-m-xylene	0.254	0.2562848

**11C0882-25**            125-CBS-172

Analyte	Results	%RPD
Aroclor-1260 [2C]	8.3	7.652838

**11C0882-26**            125-CBS-173

Analyte	Results	%RPD
Aroclor-1260 [2C]	3.5	3.326267
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.268	0.2550983
Decachlorobiphenyl	0.262	0.254902

**11C0882-27**            125-CBS-178

Analyte	Results	%RPD
Aroclor-1260 [2C]	7.5	7.10549

**11C0882-28**            125-CBS-179

Analyte	Results	%RPD
Aroclor-1260 [2C]	5.9	5.610852

**11C0882-29**            125-CBS-184

Analyte	Results	%RPD
Aroclor-1260	3.8	3.747895
<u>Surrogates</u>		
Decachlorobiphenyl	0.232	0.2275265
Tetrachloro-m-xylene	0.261	0.2476338

**11C0882-30**      125-CBS-185

Analyte	Results		%RPD
Aroclor-1260	2.7	2.500833	7.66
<u>Surrogates</u>			
Decachlorobiphenyl	0.195	0.216263	10.3
Tetrachloro-m-xylene	0.229	0.2118629	7.77

**11C0882-31**      125-CBS-186

Analyte	Results		%RPD
Aroclor-1260 [2C]	2.3	2.109561	8.64
<u>Surrogates</u>			
Decachlorobiphenyl	0.195	0.2200245	12.1
Tetrachloro-m-xylene	0.238	0.2207954	7.5

**11C0882-32**      125-CBS-267

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.35	0.3131311	11.1
<u>Surrogates</u>			
Decachlorobiphenyl	0.198	0.2107726	6.25
Tetrachloro-m-xylene	0.225	0.2060824	8.78

**11C0882-33**      125-CBS-270

Analyte	Results		%RPD
Aroclor-1260	2.6	2.416599	7.31
<u>Surrogates</u>			
Decachlorobiphenyl	0.230	0.254898	10.3
Tetrachloro-m-xylene	0.262	0.2394104	9.01

**11C0882-34**      125-CBS-271

Analyte	Results		%RPD
Aroclor-1260 [2C]	2.7	2.532238	6.41
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.233	0.223021	4.38
Decachlorobiphenyl	0.235	0.2308049	1.8

**11C0882-35**      125-CBS-273

Analyte	Results		%RPD
Aroclor-1260 [2C]	1.8	1.742868	3.23
<u>Surrogates</u>			
Decachlorobiphenyl	0.229	0.2350227	2.6
Tetrachloro-m-xylene	0.242	0.23024	4.98

**11C0882-36**      125-CBS-274

Analyte	Results		%RPD
Aroclor-1260 [2C]	1.2	1.085092	10.1
<u>Surrogates</u>			
Decachlorobiphenyl	0.231	0.2459693	6.28
Tetrachloro-m-xylene	0.252	0.2330223	7.83

**11C0882-37**      125-CBS-276

Analyte	Results		%RPD
Aroclor-1260 [2C]	2.4	2.238373	6.97
<u>Surrogates</u>			
Decachlorobiphenyl	0.234	0.2499209	6.58
Tetrachloro-m-xylene	0.268	0.2576723	3.93

**11C0882-38**      125-CBS-277

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.54	0.5283533	2.18
<u>Surrogates</u>			
Decachlorobiphenyl	0.215	0.2296183	6.58
Tetrachloro-m-xylene	0.243	0.2267176	6.93

**11C0882-39**

125-CBS-279

Analyte	Results		%RPD
Aroclor-1260 [2C]	5.4	4.880835	10.1
<u>Surrogates</u>			
Decachlorobiphenyl	0.182	0.2193654	18.6
Tetrachloro-m-xylene	0.232	0.2128162	8.63

**11C0882-40**

125-CBS-280

Analyte	Results		%RPD
Aroclor-1260 [2C]	4.7	4.375583	7.15
<u>Surrogates</u>			
Decachlorobiphenyl	0.223	0.2507377	11.7
Tetrachloro-m-xylene	0.249	0.2316111	7.24

**11C0882-41**

125-CBS-282

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.88	0.7017876	22.5
<u>Surrogates</u>			
Decachlorobiphenyl	0.253	0.2617511	3.4
Tetrachloro-m-xylene	0.254	0.2749974	7.94

**11C0882-42**

125-CBS-283

Analyte	Results		%RPD
Aroclor-1260 [2C]	2.5	2.290257	8.76
<u>Surrogates</u>			
Decachlorobiphenyl	0.249	0.260845	4.65
Tetrachloro-m-xylene	0.247	0.2652264	7.12

**11C0882-43**

125-CBS-285

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.99	0.9793792	1.08
<u>Surrogates</u>			
Decachlorobiphenyl	0.241	0.2500444	3.68
Tetrachloro-m-xylene	0.240	0.2649002	9.86

**11C0882-44**

125-CBS-286

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.67	0.6135016	8.8
<u>Surrogates</u>			
Decachlorobiphenyl	0.235	0.2369484	0.826
Tetrachloro-m-xylene	0.239	0.2408123	0.755

**11C0882-45**

125-CBSQ-144

Analyte	Results		%RPD
<u>Surrogates</u>			
Decachlorobiphenyl	1.69	1.73173	2.44
Tetrachloro-m-xylene	2.12	2.18671	3.1

**11C0882-46**

125-CBS-168

Analyte	Results		%RPD
<u>Surrogates</u>			
Tetrachloro-m-xylene	2.15	2.23034	3.67
Decachlorobiphenyl	1.08	1.11008	2.75

**11C0882-47**

125-CBS-307

Analyte	Results		%RPD
<u>Surrogates</u>			
Decachlorobiphenyl	1.23	1.2597	2.39
Tetrachloro-m-xylene	1.98	2.02879	2.43

**B028054-BLK1**

## Blank

Analyte	Results		%RPD
<b>Surrogates</b>			
Decachlorobiphenyl	0.174	0.178895	2.77
Tetrachloro-m-xylene	0.196	0.209065	6.45

**B028054-BS1**

## LCS

Analyte	Results		%RPD
Aroclor-1016	0.18	0.1915	6.19
Aroclor-1260	0.23	0.237375	3.16
<b>Surrogates</b>			
Decachlorobiphenyl	0.242	0.24827	2.56
Tetrachloro-m-xylene	0.205	0.21327	3.95

**B028054-BSD1**

## LCS Dup

Analyte	Results		%RPD
Aroclor-1016	0.21	0.218585	4.01
Aroclor-1260	0.20	0.219465	9.28
<b>Surrogates</b>			
Tetrachloro-m-xylene	0.179	0.183145	2.29
Decachlorobiphenyl	0.200	0.205935	2.92

**B028057-BLK1**

## Blank

Analyte	Results		%RPD
<b>Surrogates</b>			
Tetrachloro-m-xylene	0.293	0.3024	3.16
Decachlorobiphenyl	0.273	0.285585	4.51

**B028057-BS1**

## LCS

Analyte	Results		%RPD
Aroclor-1016	0.20	0.20476	2.35
Aroclor-1260	0.21	0.221965	5.54
<b>Surrogates</b>			
Decachlorobiphenyl	0.219	0.22934	4.61
Tetrachloro-m-xylene	0.215	0.22118	2.83

**B028057-BSD1**

## LCS Dup

Analyte	Results		%RPD
Aroclor-1016	0.25	0.249635	0.146
Aroclor-1260	0.24	0.252145	4.94
<b>Surrogates</b>			
Decachlorobiphenyl	0.236	0.244155	3.4
Tetrachloro-m-xylene	0.252	0.260325	3.25

**B028057-MS1**

## Matrix Spike

Analyte	Results		%RPD
Aroclor-1016	0.29	0.3144978	8.11
Aroclor-1260	3.0	3.340186	10.7
<b>Surrogates</b>			
Tetrachloro-m-xylene	0.296	0.2909594	1.72
Decachlorobiphenyl	0.252	0.2821501	11.3

**B028057-MSD1**

## Matrix Spike Dup

Analyte	Results		%RPD
Aroclor-1016	0.26	0.2651242	1.95
Aroclor-1260	2.3	2.485926	7.77
<b>Surrogates</b>			
Decachlorobiphenyl	0.183	0.2144131	15.8
Tetrachloro-m-xylene	0.225	0.218465	2.95

**B028059-BLK1**

## Blank

Analyte	Results		%RPD
<b>Surrogates</b>			

Decachlorobiphenyl	0.237	0.268635	12.5
Tetrachloro-m-xylene	0.229	0.251445	9.34

### B028059-BS1 LCS

Analyte	Results	%RPD	
Aroclor-1016	0.18	0.219965	20
Aroclor-1260	0.18	0.20297	12
<u>Surrogates</u>			
Decachlorobiphenyl	0.236	0.266615	12.2
Tetrachloro-m-xylene	0.235	0.258695	9.6

### B028059-BSD1 LCS Dup

Analyte	Results	%RPD	
Aroclor-1016	0.19	0.21892	14.1
Aroclor-1260	0.19	0.21077	10.4
<u>Surrogates</u>			
Decachlorobiphenyl	0.243	0.276545	12.9
Tetrachloro-m-xylene	0.232	0.25463	9.3

### B028059-MS1 Matrix Spike

Analyte	Results	%RPD	
Aroclor-1016	0.25	0.2849464	13.1
Aroclor-1260	1.8	1.997658	10.4
<u>Surrogates</u>			
Decachlorobiphenyl	0.261	0.2694636	3.19
Tetrachloro-m-xylene	0.307	0.3165733	3.07

### B028059-MSD1 Matrix Spike Dup

Analyte	Results	%RPD	
Aroclor-1260	1.6	1.81174	12.4
Aroclor-1016	0.24	0.266025	10.3
<u>Surrogates</u>			
Decachlorobiphenyl	0.265	0.2704648	2.04
Tetrachloro-m-xylene	0.312	0.3183671	2.02

### B028165-BLK1 Blank

Analyte	Results	%RPD	
<u>Surrogates</u>			
Decachlorobiphenyl	2.36	2.39589	1.51
Tetrachloro-m-xylene	2.39	2.43416	1.83

### B028165-BS1 LCS

Analyte	Results	%RPD	
Aroclor-1016	0.59	0.5777	2.11
Aroclor-1260	0.58	0.58876	1.5
<u>Surrogates</u>			
Decachlorobiphenyl	2.41	2.46543	2.27
Tetrachloro-m-xylene	2.56	2.70629	5.56

### B028165-BSD1 LCS Dup

Analyte	Results	%RPD	
Aroclor-1016	0.54	0.5427	0.499
Aroclor-1260	0.57	0.58837	3.17
<u>Surrogates</u>			
Tetrachloro-m-xylene	2.39	2.57043	7.27
Decachlorobiphenyl	2.40	2.46931	2.85

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11C0882
Project Location:	125 Western Ave	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11C0882-01 thru 11C0882-47

Matrices:                   Soil                   Water

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
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**Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature: \_\_\_\_\_

Position: Laboratory Manager

Printed Name: \_\_\_\_\_

Daren J. Damboragian

Date: \_\_\_\_\_

03/31/11

April 1, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: 125 Western Ave  
Client Job Number:  
Project Number: 223947  
Laboratory Work Order Number: 11C0884

Enclosed are results of analyses for samples received by the laboratory on March 29, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

Woodard & Curran - Andover MA  
 35 New England Business Center  
 Andover, MA 01810  
 ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11C0884

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-192	11C0884-01	Soil		SM 2540G SW-846 8082	
125-CBS-193	11C0884-02	Soil		SM 2540G SW-846 8082	
125-CBS-198	11C0884-03	Soil		SM 2540G SW-846 8082	
125-CBS-199	11C0884-04	Soil		SM 2540G SW-846 8082	
125-CBS-226	11C0884-05	Soil		SM 2540G SW-846 8082	
125-CBS-227	11C0884-06	Soil		SM 2540G SW-846 8082	
125-CBS-232	11C0884-07	Soil		SM 2540G SW-846 8082	
125-CBS-233	11C0884-08	Soil		SM 2540G SW-846 8082	
125-CBS-238	11C0884-09	Soil		SM 2540G SW-846 8082	
125-CBS-239	11C0884-10	Soil		SM 2540G SW-846 8082	
125-CBS-246	11C0884-11	Soil		SM 2540G SW-846 8082	
125-CBS-247	11C0884-12	Soil		SM 2540G SW-846 8082	
125-CBS-252	11C0884-13	Soil		SM 2540G SW-846 8082	
125-CBS-253	11C0884-14	Soil		SM 2540G SW-846 8082	
125-CBS-258	11C0884-15	Soil		SM 2540G SW-846 8082	
125-CBS-259	11C0884-16	Soil		SM 2540G SW-846 8082	
125-CBS-210	11C0884-17	Soil		SM 2540G SW-846 8082	
125-CBS-216	11C0884-18	Soil		SM 2540G SW-846 8082	
125-CBS-266	11C0884-19	Soil		SM 2540G SW-846 8082	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.  
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 12:57

**Field Sample #:** 125-CBS-192

**Sample ID:** 11C0884-01

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Aroclor-1248 [2]	1.1	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Aroclor-1254 [2]	0.89	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:02	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	85.7	30-150						3/31/11 2:02	
Decachlorobiphenyl [2]	91.7	30-150						3/31/11 2:02	
Tetrachloro-m-xylene [1]	90.9	30-150						3/31/11 2:02	
Tetrachloro-m-xylene [2]	95.2	30-150						3/31/11 2:02	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 12:57

**Field Sample #:** 125-CBS-192

**Sample ID:** 11C0884-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.3		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 12:59

**Field Sample #:** 125-CBS-193

**Sample ID:** 11C0884-02

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Aroclor-1248 [2]	0.31	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Aroclor-1254 [1]	0.44	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:17	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	90.4	30-150						3/31/11 2:17	
Decachlorobiphenyl [2]	94.9	30-150						3/31/11 2:17	
Tetrachloro-m-xylene [1]	95.4	30-150						3/31/11 2:17	
Tetrachloro-m-xylene [2]	98.9	30-150						3/31/11 2:17	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 12:59

**Field Sample #:** 125-CBS-193

**Sample ID:** 11C0884-02

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:19

**Field Sample #:** 125-CBS-198

**Sample ID:** 11C0884-03

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Aroclor-1254 [2]	0.59	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Aroclor-1260 [2]	0.40	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:33	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	90.5	30-150						3/31/11 2:33	
Decachlorobiphenyl [2]	96.4	30-150						3/31/11 2:33	
Tetrachloro-m-xylene [1]	97.0	30-150						3/31/11 2:33	
Tetrachloro-m-xylene [2]	101	30-150						3/31/11 2:33	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:19

**Field Sample #:** 125-CBS-198

**Sample ID:** 11C0884-03

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.4		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:19

**Field Sample #:** 125-CBS-199

**Sample ID:** 11C0884-04

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Aroclor-1254 [2]	0.73	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Aroclor-1260 [2]	0.38	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 2:48	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	94.9	30-150						3/31/11 2:48	
Decachlorobiphenyl [2]	100	30-150						3/31/11 2:48	
Tetrachloro-m-xylene [1]	98.5	30-150						3/31/11 2:48	
Tetrachloro-m-xylene [2]	104	30-150						3/31/11 2:48	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:19

**Field Sample #:** 125-CBS-199

**Sample ID:** 11C0884-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.1		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:28

**Field Sample #:** 125-CBS-226

**Sample ID:** 11C0884-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Aroclor-1254 [2]	0.52	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Aroclor-1260 [2]	0.25	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/29/11	3/31/11 3:04	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	85.0	30-150							3/31/11 3:04
Decachlorobiphenyl [2]	90.6	30-150							3/31/11 3:04
Tetrachloro-m-xylene [1]	93.1	30-150							3/31/11 3:04
Tetrachloro-m-xylene [2]	97.2	30-150							3/31/11 3:04

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:28

**Field Sample #:** 125-CBS-226

**Sample ID:** 11C0884-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.2		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:29

**Field Sample #:** 125-CBS-227

**Sample ID:** 11C0884-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Aroclor-1248 [2]	0.83	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Aroclor-1254 [2]	0.99	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:33	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	94.2	30-150							3/31/11 16:33
Decachlorobiphenyl [2]	98.5	30-150							3/31/11 16:33
Tetrachloro-m-xylene [1]	94.3	30-150							3/31/11 16:33
Tetrachloro-m-xylene [2]	98.8	30-150							3/31/11 16:33

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:29

**Field Sample #:** 125-CBS-227

**Sample ID:** 11C0884-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:34

**Field Sample #:** 125-CBS-232

**Sample ID:** 11C0884-07

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1254 [2]	0.70	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1260 [2]	0.30	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	87.5	30-150						3/31/11 16:49	
Decachlorobiphenyl [2]	92.2	30-150						3/31/11 16:49	
Tetrachloro-m-xylene [1]	95.0	30-150						3/31/11 16:49	
Tetrachloro-m-xylene [2]	101	30-150						3/31/11 16:49	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:34

**Field Sample #:** 125-CBS-232

**Sample ID:** 11C0884-07

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.5		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:39

**Field Sample #:** 125-CBS-233

**Sample ID:** 11C0884-08

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Aroclor-1254 [2]	0.45	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Aroclor-1260 [2]	0.30	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:04	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	88.1	30-150						3/31/11 17:04	
Decachlorobiphenyl [2]	92.4	30-150						3/31/11 17:04	
Tetrachloro-m-xylene [1]	93.1	30-150						3/31/11 17:04	
Tetrachloro-m-xylene [2]	98.6	30-150						3/31/11 17:04	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:39

**Field Sample #:** 125-CBS-233

**Sample ID:** 11C0884-08

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.3		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:49

**Field Sample #:** 125-CBS-238

**Sample ID:** 11C0884-09

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Aroclor-1254 [2]	0.90	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Aroclor-1260 [2]	0.37	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:20	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	87.2	30-150						3/31/11 17:20	
Decachlorobiphenyl [2]	91.9	30-150						3/31/11 17:20	
Tetrachloro-m-xylene [1]	94.1	30-150						3/31/11 17:20	
Tetrachloro-m-xylene [2]	101	30-150						3/31/11 17:20	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:49

**Field Sample #:** 125-CBS-238

**Sample ID:** 11C0884-09

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.0		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:55

**Field Sample #:** 125-CBS-239

**Sample ID:** 11C0884-10

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Aroclor-1254 [1]	0.61	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Aroclor-1260 [2]	0.28	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:35	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	87.7	30-150						3/31/11 17:35	
Decachlorobiphenyl [2]	92.3	30-150						3/31/11 17:35	
Tetrachloro-m-xylene [1]	96.1	30-150						3/31/11 17:35	
Tetrachloro-m-xylene [2]	103	30-150						3/31/11 17:35	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 13:55

**Field Sample #:** 125-CBS-239

**Sample ID:** 11C0884-10

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.8		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:05

**Field Sample #:** 125-CBS-246

**Sample ID:** 11C0884-11

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Aroclor-1248 [1]	0.25	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Aroclor-1254 [2]	0.79	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Aroclor-1260 [2]	0.44	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:51	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	90.2	30-150							3/31/11 17:51
Decachlorobiphenyl [2]	95.5	30-150							3/31/11 17:51
Tetrachloro-m-xylene [1]	96.2	30-150							3/31/11 17:51
Tetrachloro-m-xylene [2]	101	30-150							3/31/11 17:51

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:05

**Field Sample #:** 125-CBS-246

**Sample ID:** 11C0884-11

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.7		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:07

**Field Sample #:** 125-CBS-247

**Sample ID:** 11C0884-12

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Aroclor-1254 [2]	0.72	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Aroclor-1260 [1]	0.27	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 18:06	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	97.1	30-150						3/31/11 18:06	
Decachlorobiphenyl [2]	102	30-150						3/31/11 18:06	
Tetrachloro-m-xylene [1]	98.3	30-150						3/31/11 18:06	
Tetrachloro-m-xylene [2]	105	30-150						3/31/11 18:06	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:07

**Field Sample #:** 125-CBS-247

**Sample ID:** 11C0884-12

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.7		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:18

**Field Sample #:** 125-CBS-252

**Sample ID:** 11C0884-13

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Aroclor-1254 [1]	0.77	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Aroclor-1260 [1]	0.53	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:35	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	97.6	30-150						3/31/11 16:35	
Decachlorobiphenyl [2]	103	30-150						3/31/11 16:35	
Tetrachloro-m-xylene [1]	102	30-150						3/31/11 16:35	
Tetrachloro-m-xylene [2]	99.7	30-150						3/31/11 16:35	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:18

**Field Sample #:** 125-CBS-252

**Sample ID:** 11C0884-13

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.2		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:17

**Field Sample #:** 125-CBS-253

**Sample ID:** 11C0884-14

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1254 [2]	0.42	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1260 [1]	0.24	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 16:49	JMB
Surrogates	% Recovery	Recovery Limits		Flag					
Decachlorobiphenyl [1]	105	30-150					3/31/11 16:49		
Decachlorobiphenyl [2]	109	30-150					3/31/11 16:49		
Tetrachloro-m-xylene [1]	114	30-150					3/31/11 16:49		
Tetrachloro-m-xylene [2]	118	30-150					3/31/11 16:49		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:17

**Field Sample #:** 125-CBS-253

**Sample ID:** 11C0884-14

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:26

**Field Sample #:** 125-CBS-258

**Sample ID:** 11C0884-15

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Aroclor-1254 [2]	0.37	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Aroclor-1260 [1]	0.29	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:03	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	99.0	30-150						3/31/11 17:03	
Decachlorobiphenyl [2]	104	30-150						3/31/11 17:03	
Tetrachloro-m-xylene [1]	105	30-150						3/31/11 17:03	
Tetrachloro-m-xylene [2]	103	30-150						3/31/11 17:03	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:26

**Field Sample #:** 125-CBS-258

**Sample ID:** 11C0884-15

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.1		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:27

**Field Sample #:** 125-CBS-259

**Sample ID:** 11C0884-16

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Aroclor-1254 [2]	0.32	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Aroclor-1260 [1]	0.28	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:16	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	93.6	30-150						3/31/11 17:16	
Decachlorobiphenyl [2]	99.5	30-150						3/31/11 17:16	
Tetrachloro-m-xylene [1]	103	30-150						3/31/11 17:16	
Tetrachloro-m-xylene [2]	100	30-150						3/31/11 17:16	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:27

**Field Sample #:** 125-CBS-259

**Sample ID:** 11C0884-16

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.9		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:40

**Field Sample #:** 125-CBS-210

**Sample ID:** 11C0884-17

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Aroclor-1254 [2]	1.0	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Aroclor-1260 [1]	0.59	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:30	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	96.1	30-150						3/31/11 17:30	
Decachlorobiphenyl [2]	103	30-150						3/31/11 17:30	
Tetrachloro-m-xylene [1]	104	30-150						3/31/11 17:30	
Tetrachloro-m-xylene [2]	101	30-150						3/31/11 17:30	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:40

**Field Sample #:** 125-CBS-210

**Sample ID:** 11C0884-17

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.3		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:42

**Field Sample #:** 125-CBS-216

**Sample ID:** 11C0884-18

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Aroclor-1254 [2]	0.89	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Aroclor-1260 [1]	0.53	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:43	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	81.6	30-150						3/31/11 17:43	
Decachlorobiphenyl [2]	89.8	30-150						3/31/11 17:43	
Tetrachloro-m-xylene [1]	86.5	30-150						3/31/11 17:43	
Tetrachloro-m-xylene [2]	83.2	30-150						3/31/11 17:43	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:42

**Field Sample #:** 125-CBS-216

**Sample ID:** 11C0884-18

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.5		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:35

**Field Sample #:** 125-CBS-266

**Sample ID:** 11C0884-19

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Aroclor-1254 [2]	0.79	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Aroclor-1260 [2]	0.34	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	3/30/11	3/31/11 17:57	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	96.7	30-150						3/31/11 17:57	
Decachlorobiphenyl [2]	101	30-150						3/31/11 17:57	
Tetrachloro-m-xylene [1]	109	30-150						3/31/11 17:57	
Tetrachloro-m-xylene [2]	112	30-150						3/31/11 17:57	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11C0884

Date Received: 3/29/2011

Sampled: 3/28/2011 14:35

**Field Sample #:** 125-CBS-266

**Sample ID:** 11C0884-19

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.2		% Wt	1		SM 2540G	3/30/11	3/31/11 12:59	VAF

**Sample Extraction Data**
**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
11C0884-01 [125-CBS-192]	B028105	03/30/11
11C0884-02 [125-CBS-193]	B028105	03/30/11
11C0884-03 [125-CBS-198]	B028105	03/30/11
11C0884-04 [125-CBS-199]	B028105	03/30/11
11C0884-05 [125-CBS-226]	B028105	03/30/11
11C0884-06 [125-CBS-227]	B028105	03/30/11
11C0884-07 [125-CBS-232]	B028105	03/30/11
11C0884-08 [125-CBS-233]	B028105	03/30/11
11C0884-09 [125-CBS-238]	B028105	03/30/11
11C0884-10 [125-CBS-239]	B028105	03/30/11
11C0884-11 [125-CBS-246]	B028105	03/30/11
11C0884-12 [125-CBS-247]	B028105	03/30/11
11C0884-13 [125-CBS-252]	B028105	03/30/11
11C0884-14 [125-CBS-253]	B028105	03/30/11
11C0884-15 [125-CBS-258]	B028105	03/30/11
11C0884-16 [125-CBS-259]	B028105	03/30/11
11C0884-17 [125-CBS-210]	B028105	03/30/11
11C0884-18 [125-CBS-216]	B028105	03/30/11
11C0884-19 [125-CBS-266]	B028105	03/30/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11C0884-01 [125-CBS-192]	B028054	10.1	50.0	03/29/11
11C0884-02 [125-CBS-193]	B028054	10.2	50.0	03/29/11
11C0884-03 [125-CBS-198]	B028054	10.0	50.0	03/29/11
11C0884-04 [125-CBS-199]	B028054	10.0	50.0	03/29/11
11C0884-05 [125-CBS-226]	B028054	10.1	50.0	03/29/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11C0884-06 [125-CBS-227]	B028138	10.2	50.0	03/30/11
11C0884-07 [125-CBS-232]	B028138	10.0	50.0	03/30/11
11C0884-08 [125-CBS-233]	B028138	10.0	50.0	03/30/11
11C0884-09 [125-CBS-238]	B028138	10.1	50.0	03/30/11
11C0884-10 [125-CBS-239]	B028138	10.2	50.0	03/30/11
11C0884-11 [125-CBS-246]	B028138	10.1	50.0	03/30/11
11C0884-12 [125-CBS-247]	B028138	10.2	50.0	03/30/11
11C0884-13 [125-CBS-252]	B028138	10.0	50.0	03/30/11
11C0884-14 [125-CBS-253]	B028138	10.0	50.0	03/30/11
11C0884-15 [125-CBS-258]	B028138	10.1	50.0	03/30/11
11C0884-16 [125-CBS-259]	B028138	10.2	50.0	03/30/11
11C0884-17 [125-CBS-210]	B028138	10.0	50.0	03/30/11
11C0884-18 [125-CBS-216]	B028138	10.0	50.0	03/30/11
11C0884-19 [125-CBS-266]	B028138	10.1	50.0	03/30/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028054 - SW-846 3540C**
**Blank (B028054-BLK1)**

Prepared: 03/29/11 Analyzed: 03/30/11

Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.174		mg/Kg wet	0.200		87.2		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.179		mg/Kg wet	0.200		89.4		30-150		
Surrogate: Tetrachloro-m-xylene	0.196		mg/Kg wet	0.200		98.0		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.209		mg/Kg wet	0.200		105		30-150		

**LCS (B028054-BS1)**

Prepared: 03/29/11 Analyzed: 03/30/11

Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		91.0		40-140		
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		95.8		40-140		
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		114		40-140		
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		119		40-140		
Surrogate: Decachlorobiphenyl	0.242		mg/Kg wet	0.200		121		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.248		mg/Kg wet	0.200		124		30-150		
Surrogate: Tetrachloro-m-xylene	0.205		mg/Kg wet	0.200		102		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.213		mg/Kg wet	0.200		107		30-150		

**LCS Dup (B028054-BSD1)**

Prepared: 03/29/11 Analyzed: 03/30/11

Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		106		40-140	15.0	30
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		109		40-140	13.2	30
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		102		40-140	10.5	30
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		110		40-140	7.84	30
Surrogate: Decachlorobiphenyl	0.200		mg/Kg wet	0.200		100		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.206		mg/Kg wet	0.200		103		30-150		
Surrogate: Tetrachloro-m-xylene	0.179		mg/Kg wet	0.200		89.7		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.183		mg/Kg wet	0.200		91.6		30-150		

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028138 - SW-846 3540C**
**Blank (B028138-BLK1)**

Prepared: 03/30/11 Analyzed: 03/31/11

Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.184		mg/Kg wet	0.200		92.1		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.185		mg/Kg wet	0.200		92.5		30-150		
Surrogate: Tetrachloro-m-xylene	0.183		mg/Kg wet	0.200		91.6		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.186		mg/Kg wet	0.200		92.9		30-150		

**LCS (B028138-BS1)**

Prepared: 03/30/11 Analyzed: 04/01/11

Aroclor-1016	0.050	0.020	mg/Kg wet	0.0500	100	40-140				
Aroclor-1016 [2C]	0.053	0.020	mg/Kg wet	0.0500	105	40-140				
Aroclor-1260	0.056	0.020	mg/Kg wet	0.0500	113	40-140				
Aroclor-1260 [2C]	0.054	0.020	mg/Kg wet	0.0500	108	40-140				
Surrogate: Decachlorobiphenyl	0.228		mg/Kg wet	0.200	114	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.233		mg/Kg wet	0.200	116	30-150				
Surrogate: Tetrachloro-m-xylene	0.217		mg/Kg wet	0.200	108	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.219		mg/Kg wet	0.200	110	30-150				

**LCS Dup (B028138-BSD1)**

Prepared: 03/30/11 Analyzed: 04/01/11

Aroclor-1016	0.051	0.020	mg/Kg wet	0.0500	101	40-140	0.988	30		
Aroclor-1016 [2C]	0.051	0.020	mg/Kg wet	0.0500	101	40-140	3.82	30		
Aroclor-1260	0.054	0.020	mg/Kg wet	0.0500	108	40-140	4.01	30		
Aroclor-1260 [2C]	0.054	0.020	mg/Kg wet	0.0500	109	40-140	0.653	30		
Surrogate: Decachlorobiphenyl	0.224		mg/Kg wet	0.200	112	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.227		mg/Kg wet	0.200	114	30-150				
Surrogate: Tetrachloro-m-xylene	0.216		mg/Kg wet	0.200	108	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.218		mg/Kg wet	0.200	109	30-150				

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

#### CERTIFICATIONS

##### Certified Analyses included in this Report

Analyte	Certifications
<b><i>SW-846 8082 in Soil</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012

# Contest<sup>®</sup>

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## CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 4 of 4

Company Name: Woodard & Curran  
ANALYTICAL LABORATORY

Telephone: 978-557-8150  
Project # 223947

Address: 35 New England Business Ctr, Suite 100  
Andover, MA 01810

Attention: Amy Wallace

Project Location: 125 Western Ave

Sampled By: Amy Wallace

Project Proposal Provided? (for billing purposes)

Yes  No  
proposal date

Client PO#

DATA DELIVERY (check all that apply)

FAX

EMAIL

WEBSITE

Fax #

Email: [wallace@woodardcurran.com](mailto:wallace@woodardcurran.com)

Format:

PDF

EXCEL

OGIS

OTHER

"Enhanced Data Package"

Collection

Beginning Date/Time

Ending Date/Time

Composite Grab Date

\*Matrix Conc. Code

X S L X

12:57

12:57

13:19

13:19

13:20

13:34

13:39

13:41

13:41

13:41

13:41

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Reinquished by: (signature)		Date/Time:	Turnaround Time	Detection Limit Requirements	Is your project MCP or RCP?					
John Wallace		3/29/11 10:30	<input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input type="checkbox"/> Other _____	Massachusetts: _____	<input checked="" type="checkbox"/> MCP Analytical Certification Form Required <input type="radio"/> RCP Analysis Certification Form Required <input type="radio"/> MA State DW/ Form Required PWSID # _____					
John Wallace		3/29/11 10:00	<input type="checkbox"/> 24-Hr <input checked="" type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day	Connecticut: _____						
Received by: (signature)	Date/Time:									
John Wallace	3/29/11 10:00									
Comments:	PCBs via USEPA 8082 / Soxhlet extraction R.L. $\leq$ 1.0 mg/kg									
Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:										
H = High; M = Medium; L = Low; C = Clean; U = Unknown										
<i>(Signature)</i>										
RECEIVED IN ACCORDANCE WITH THE ANALYTICAL TESTS AND METHODS STANDARDS OF THE NATIONAL ENVIRONMENTAL LABORATORY ASSOCIATION (NELAC) AND AMERICAN INDUSTRY HYGIENE ASSOCIATION (AIHA) AND ARE CERTIFIED AS CORRECTLY PERFORMED.										
WBE/DBE Certified										

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

# Contest<sup>®</sup>

Phone: 413-325-2332  
Fax: 413-525-6405  
Email: info@contestlabs.com  
www.contestlabs.com

## CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 5  
of

Company Name: Woodard & Curran

Telephone: 978-557-8150

Address: 35 New England Business Dr, Suite 160

Attention: Amy Wallace

Project Location: 125 Western Ave

Sampled By: Amy Wallace

Project Proposal Provided? (for billing purposes)  
O Yes \_\_\_\_\_ proposal date

Client PO#  
DATA DELIVERY (check all that apply)  
O FAX  
E-MAIL  
FAX #  
Email: wallace@woodardcurran.com

Format:  
PDF  
EXCEL  
ODS  
O OTHER  
O "Enhanced Data Package"

Dissolved Metals  
O Field Filtered  
O Lab to Filter

\*\*\*Cont. Code:  
A=amber  
G=glass  
P=plastic  
S=sterile  
V=vial  
S=susanna can  
T=tedlar bag  
O=Other

\*\*Preservation  
I=Iced  
H=HCl  
M=Methanol  
N=Nitric Acid  
S=Sulfuric Acid  
B=Sodium bisulfate  
X=Na hydroxide  
T=Na thiosulfate  
O=Other

\*Matrix Code:  
GW=groundwater  
WW=wastewater  
DW=dinking water  
A=air  
S=soil/solid  
SL=sludge  
O=other

### ANALYSIS REQUESTED

I A

PCB (3540C/8082)

Client PO#

DATA DELIVERY (check all that apply)

O FAX

E-MAIL

WEBSITE

FAX #

Email:

wallace@woodardcurran.com

Format:

PDF

EXCEL

ODS

O OTHER

O "Enhanced Data Package"

PCB (3540C/8082)

(I A)

PCB (3540

39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



## Sample Receipt Checklist

CLIENT NAME: Woodard + Corran

RECEIVED BY: CBS

DATE: 3/29/11

1) Was the chain(s) of custody relinquished and signed?

Yes      No

2) Does the chain agree with the samples?

Yes      No

If not, explain:

3) Are all the samples in good condition?

Yes      No

If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes      No      N/A

Temperature °C by Temp blank: \_\_\_\_\_ Temperature °C by Temp gun: 2-1°

5) Are there Dissolved samples for the lab to filter?

Yes       No

Who was notified \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

6) Are there any samples "On Hold"?

Yes       No

Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples?

Yes       No

Who was notified \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

8) Location where samples are stored:

19

Permission to subcontract samples? Yes No  
(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	<u>19</u>	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____	# Methanol _____	Time and Date Frozen: _____
# Bisulfate _____	# DI Water _____	
# Thiosulfate _____	Unpreserved _____	

Do all samples have the proper Acid pH: Yes      No      N/A

Do all samples have the proper Base pH: Yes      No      N/A

March 2011

**11C0882-41****125-CBS-282**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.88	0.7017876
<b>Surrogates</b>		
Decachlorobiphenyl	0.253	0.2617511
Tetrachloro-m-xylene	0.254	0.2749974

**11C0884-01****125-CBS-192**

Analyte	Results	%RPD
Aroclor-1248 [2C]	1.1	1.038191
Aroclor-1254 [2C]	0.89	0.6434425
<b>Surrogates</b>		
Decachlorobiphenyl	0.209	0.223302
Tetrachloro-m-xylene	0.221	0.2318573

**11C0884-02****125-CBS-193**

Analyte	Results	%RPD
Aroclor-1248 [2C]	0.31	0.2844938
Aroclor-1254	0.44	0.3823417
<b>Surrogates</b>		
Decachlorobiphenyl	0.203	0.2135814
Tetrachloro-m-xylene	0.215	0.2227325

**11C0884-03****125-CBS-198**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.40	0.3274215
Aroclor-1254 [2C]	0.59	0.5177814
<b>Surrogates</b>		
Decachlorobiphenyl	0.237	0.2524018
Tetrachloro-m-xylene	0.254	0.2637107

**11C0884-04****125-CBS-199**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.38	0.3425993
Aroclor-1254 [2C]	0.73	0.6830686
<b>Surrogates</b>		
Decachlorobiphenyl	0.228	0.2412034
Tetrachloro-m-xylene	0.237	0.2496932

**11C0884-05****125-CBS-226**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.25	0.2231946
Aroclor-1254 [2C]	0.52	0.4118526
<b>Surrogates</b>		
Decachlorobiphenyl	0.221	0.2354928
Tetrachloro-m-xylene	0.242	0.2526832

**11C0884-06****125-CBS-227**

Analyte	Results	%RPD
Aroclor-1248 [2C]	0.83	0.7029731
Aroclor-1254 [2C]	0.99	0.8390395
<b>Surrogates</b>		
Decachlorobiphenyl	0.223	0.2328993
Tetrachloro-m-xylene	0.223	0.2336326

**11C0884-07****125-CBS-232**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.30	0.270268
Aroclor-1254 [2C]	0.70	0.5302157
<b>Surrogates</b>		
Decachlorobiphenyl	0.229	0.2409673
Tetrachloro-m-xylene	0.248	0.2651961

11C0884-08      125-CBS-233			
Analyte	Results	%RPD	
Aroclor-1254 [2C]	0.45	0.3496575	25.1
Aroclor-1260 [2C]	0.30	0.2634807	13
<u>Surrogates</u>			
Decachlorobiphenyl	0.219	0.2301619	4.97
Tetrachloro-m-xylene	0.232	0.2455044	5.66

11C0884-09      125-CBS-238			
Analyte	Results	%RPD	
Aroclor-1260 [2C]	0.37	0.3353157	9.84
Aroclor-1254 [2C]	0.90	0.6940466	25.8
<u>Surrogates</u>			
Decachlorobiphenyl	0.224	0.2364215	5.4
Tetrachloro-m-xylene	0.242	0.2592131	6.87

11C0884-10      125-CBS-239			
Analyte	Results	%RPD	
Aroclor-1254	0.61	0.4816207	23.5
Aroclor-1260 [2C]	0.28	0.2545887	9.51
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.236	0.2524203	6.72
Decachlorobiphenyl	0.215	0.2268908	5.38

11C0884-11      125-CBS-246			
Analyte	Results	%RPD	
Aroclor-1260 [2C]	0.44	0.3885281	12.4
Aroclor-1248	0.25	0.2060577	19.3
Aroclor-1254 [2C]	0.79	0.7510321	5.06
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.228	0.2397648	5.03
Decachlorobiphenyl	0.213	0.2259188	5.89

11C0884-12      125-CBS-247			
Analyte	Results	%RPD	
Aroclor-1254 [2C]	0.72	0.4637712	43.3
Aroclor-1260	0.27	0.2638274	2.31
<u>Surrogates</u>			
Decachlorobiphenyl	0.228	0.239505	4.92
Tetrachloro-m-xylene	0.230	0.2453909	6.48

11C0884-13      125-CBS-252			
Analyte	Results	%RPD	
Aroclor-1254	0.77	0.6449685	17.7
Aroclor-1260	0.53	0.4973422	6.36
<u>Surrogates</u>			
Decachlorobiphenyl	0.246	0.2595139	5.35
Tetrachloro-m-xylene	0.259	0.2516793	2.87

11C0884-14      125-CBS-253			
Analyte	Results	%RPD	
Aroclor-1260	0.24	0.2342048	2.44
Aroclor-1254 [2C]	0.42	0.3625181	14.7
<u>Surrogates</u>			
Decachlorobiphenyl	0.252	0.2622952	4
Tetrachloro-m-xylene	0.274	0.2834277	3.38

11C0884-15      125-CBS-258			
Analyte	Results	%RPD	
Aroclor-1254 [2C]	0.37	0.3525271	4.84
Aroclor-1260	0.29	0.2723714	6.27
<u>Surrogates</u>			
Decachlorobiphenyl	0.233	0.2449406	5

Tetrachloro-m-xylene 0.248 0.2421858 2.37

**11C0884-16** 125-CBS-259

Analyte	Results	%RPD
Aroclor-1260	0.28	0.2576338
Aroclor-1254 [2C]	0.32	0.2935973
<u>Surrogates</u>		
Decachlorobiphenyl	0.221	0.2352941
Tetrachloro-m-xylene	0.243	0.2367783

**11C0884-17** 125-CBS-210

Analyte	Results	%RPD
Aroclor-1254 [2C]	1.0	0.8333822
Aroclor-1260	0.59	0.5898651
<u>Surrogates</u>		
Decachlorobiphenyl [2C]	0.241	0.2252872
Tetrachloro-m-xylene	0.243	0.2363247

**11C0884-18** 125-CBS-216

Analyte	Results	%RPD
Aroclor-1254 [2C]	0.89	0.7135145
Aroclor-1260	0.53	0.5159133
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.200	0.1924682
Decachlorobiphenyl	0.189	0.2076012

**11C0884-19** 125-CBS-266

Analyte	Results	%RPD
Aroclor-1254 [2C]	0.79	0.6472926
Aroclor-1260 [2C]	0.34	0.2627219
<u>Surrogates</u>		
Decachlorobiphenyl	0.239	0.2487963
Tetrachloro-m-xylene	0.270	0.2757957

**B028054-BLK1** Blank

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	0.174	0.178895
Tetrachloro-m-xylene	0.196	0.209065

**B028054-BS1** LCS

Analyte	Results	%RPD
Aroclor-1016	0.18	0.1915
Aroclor-1260	0.23	0.237375
<u>Surrogates</u>		
Decachlorobiphenyl	0.242	0.24827
Tetrachloro-m-xylene	0.205	0.21327

**B028054-BSD1** LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.21	0.218585
Aroclor-1260	0.20	0.219465
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.179	0.183145
Decachlorobiphenyl	0.200	0.205935

**B028054-MS1** Matrix Spike

Analyte	Results	%RPD
Aroclor-1016	0.24	0.2705233
Aroclor-1260	0.88	0.9518544
<u>Surrogates</u>		
Decachlorobiphenyl	0.210	0.21781
Tetrachloro-m-xylene	0.232	0.2341809

**B028054-MSD1**

## Matrix Spike Dup

Analyte	Results	%RPD
Aroclor-1016	0.24	0.2799886
Aroclor-1260	0.84	0.9014277
<b>Surrogates</b>		
Decachlorobiphenyl	0.190	0.2007224
Tetrachloro-m-xylene	0.213	0.2163936

**B028138-BLK1**

## Blank

Analyte	Results	%RPD
<b>Surrogates</b>		
Decachlorobiphenyl	0.184	0.184945
Tetrachloro-m-xylene	0.183	0.18589

**B028138-BS1**

## LCS

Analyte	Results	%RPD
Aroclor-1260	0.056	0.053913
Aroclor-1016	0.050	0.052713
<b>Surrogates</b>		
Decachlorobiphenyl	0.228	0.232507
Tetrachloro-m-xylene	0.217	0.219222

**B028138-BSD1**

## LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.051	0.050737
Aroclor-1260	0.054	0.054266
<b>Surrogates</b>		
Decachlorobiphenyl	0.224	0.227208
Tetrachloro-m-xylene	0.216	0.218337

**B028138-MS1**

## Matrix Spike

Analyte	Results	%RPD
Aroclor-1016	0.054	5.271868E-02
Aroclor-1260	0.11	0.1086242
<b>Surrogates</b>		
Decachlorobiphenyl	0.243	0.2439712
Tetrachloro-m-xylene	0.235	0.2364353

**B028138-MSD1**

## Matrix Spike Dup

Analyte	Results	%RPD
Aroclor-1016	0.050	4.736242E-02
Aroclor-1260	0.10	0.1036376
<b>Surrogates</b>		
Tetrachloro-m-xylene	0.226	0.2204466
Decachlorobiphenyl	0.243	0.2370349

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11C0884
Project Location:	125 Western Ave	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11C0884-01 thru 11C0884-19

Matrices: Soil

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
----------	---	--

**Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature: \_\_\_\_\_

Position: Laboratory Manager

Printed Name: \_\_\_\_\_

Daren J. Damboragian

Date: \_\_\_\_\_

04/01/11

April 4, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: 125 Western Ave. - Boston

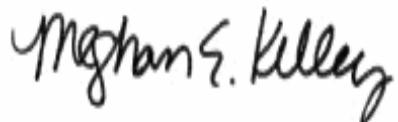
Client Job Number:

Project Number: 223947

Laboratory Work Order Number: 11C0991

Enclosed are results of analyses for samples received by the laboratory on March 31, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

REPORT DATE: 4/4/2011

Woodard & Curran - Andover MA  
 35 New England Business Center  
 Andover, MA 01810  
 ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11C0991

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave. - Boston

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-308	11C0991-01	Soil		SM 2540G SW-846 8082	
125-CBS-309	11C0991-02	Soil		SM 2540G SW-846 8082	
125-CBS-310	11C0991-03	Soil		SM 2540G SW-846 8082	
125-CBSD-311	11C0991-04	Soil		SM 2540G SW-846 8082	
125-CBS-312	11C0991-05	Soil		SM 2540G SW-846 8082	
125-CBS-313	11C0991-06	Soil		SM 2540G SW-846 8082	
125-CBS-314	11C0991-07	Soil		SM 2540G SW-846 8082	
125-CBS-315	11C0991-08	Soil		SM 2540G SW-846 8082	
125-CBS-316	11C0991-09	Soil		SM 2540G SW-846 8082	
125-CBS-317	11C0991-10	Soil		SM 2540G SW-846 8082	
125-CBS-318	11C0991-11	Soil		SM 2540G SW-846 8082	
125-CBS-319	11C0991-12	Soil		SM 2540G SW-846 8082	
125-CBS-320	11C0991-13	Soil		SM 2540G SW-846 8082	
125-CBSQ-321	11C0991-14	Equipment Blank Water		SM 2540G SW-846 8082	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.  
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson  
Laboratory Director

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-308

Sampled: 3/29/2011 10:15

**Sample ID:** 11C0991-01

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Aroclor-1260 [1]	0.81	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 11:35	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	99.6	30-150							4/2/11 11:35
Decachlorobiphenyl [2]	96.4	30-150							4/2/11 11:35
Tetrachloro-m-xylene [1]	112	30-150							4/2/11 11:35
Tetrachloro-m-xylene [2]	110	30-150							4/2/11 11:35

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-308

Sampled: 3/29/2011 10:15

**Sample ID:** 11C0991-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.1		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-309

Sampled: 3/29/2011 10:16

**Sample ID:** 11C0991-02

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Aroclor-1260 [1]	1.0	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:17	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		99.8	30-150					4/2/11 17:17	
Decachlorobiphenyl [2]		91.3	30-150					4/2/11 17:17	
Tetrachloro-m-xylene [1]		128	30-150					4/2/11 17:17	
Tetrachloro-m-xylene [2]		119	30-150					4/2/11 17:17	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:16

**Field Sample #:** 125-CBS-309

**Sample ID:** 11C0991-02

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.7		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-310

Sampled: 3/29/2011 10:20

**Sample ID:** 11C0991-03

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:32	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		83.5	30-150					4/2/11 17:32	
Decachlorobiphenyl [2]		64.5	30-150					4/2/11 17:32	
Tetrachloro-m-xylene [1]		99.8	30-150					4/2/11 17:32	
Tetrachloro-m-xylene [2]		98.4	30-150					4/2/11 17:32	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:20

**Field Sample #:** 125-CBS-310

**Sample ID:** 11C0991-03

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.9		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBSD-311

Sampled: 3/29/2011 10:17

**Sample ID:** 11C0991-04

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 17:48	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		73.9	30-150					4/2/11 17:48	
Decachlorobiphenyl [2]		56.3	30-150					4/2/11 17:48	
Tetrachloro-m-xylene [1]		99.7	30-150					4/2/11 17:48	
Tetrachloro-m-xylene [2]		90.5	30-150					4/2/11 17:48	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBSD-311

Sampled: 3/29/2011 10:17

**Sample ID:** 11C0991-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.4		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-312

Sampled: 3/29/2011 10:20

**Sample ID:** 11C0991-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:03	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		72.4	30-150					4/2/11 18:03	
Decachlorobiphenyl [2]		62.5	30-150					4/2/11 18:03	
Tetrachloro-m-xylene [1]		113	30-150					4/2/11 18:03	
Tetrachloro-m-xylene [2]		93.2	30-150					4/2/11 18:03	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:20

**Field Sample #:** 125-CBS-312

**Sample ID:** 11C0991-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.0		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-313

Sampled: 3/29/2011 10:22

**Sample ID:** 11C0991-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:19	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		78.3	30-150					4/2/11 18:19	
Decachlorobiphenyl [2]		59.4	30-150					4/2/11 18:19	
Tetrachloro-m-xylene [1]		122	30-150					4/2/11 18:19	
Tetrachloro-m-xylene [2]		116	30-150					4/2/11 18:19	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:22

**Field Sample #:** 125-CBS-313

**Sample ID:** 11C0991-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-314

Sampled: 3/29/2011 10:25

**Sample ID:** 11C0991-07

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Aroclor-1260 [1]	0.32	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:34	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		78.0	30-150					4/2/11 18:34	
Decachlorobiphenyl [2]		60.1	30-150					4/2/11 18:34	
Tetrachloro-m-xylene [1]		117	30-150					4/2/11 18:34	
Tetrachloro-m-xylene [2]		112	30-150					4/2/11 18:34	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-314

Sampled: 3/29/2011 10:25

**Sample ID:** 11C0991-07

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sample ID: 11C0991-08

Sample Matrix: Soil

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Aroclor-1260 [1]	0.98	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 18:50	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		84.2	30-150					4/2/11 18:50	
Decachlorobiphenyl [2]		65.7	30-150					4/2/11 18:50	
Tetrachloro-m-xylene [1]		122	30-150					4/2/11 18:50	
Tetrachloro-m-xylene [2]		111	30-150					4/2/11 18:50	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:27

**Field Sample #:** 125-CBS-315

**Sample ID:** 11C0991-08

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-316

Sampled: 3/29/2011 10:30

**Sample ID:** 11C0991-09

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Aroclor-1260 [1]	0.42	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:05	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		103	30-150					4/2/11 19:05	
Decachlorobiphenyl [2]		80.2	30-150					4/2/11 19:05	
Tetrachloro-m-xylene [1]		108	30-150					4/2/11 19:05	
Tetrachloro-m-xylene [2]		94.0	30-150					4/2/11 19:05	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:30

**Field Sample #:** 125-CBS-316

**Sample ID:** 11C0991-09

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-317

Sampled: 3/29/2011 10:35

**Sample ID:** 11C0991-10

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Aroclor-1260 [1]	0.70	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:21	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	86.9		30-150					4/2/11 19:21	
Decachlorobiphenyl [2]	72.3		30-150					4/2/11 19:21	
Tetrachloro-m-xylene [1]	121		30-150					4/2/11 19:21	
Tetrachloro-m-xylene [2]	113		30-150					4/2/11 19:21	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:35

**Field Sample #:** 125-CBS-317

**Sample ID:** 11C0991-10

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.4		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-318

Sampled: 3/29/2011 10:39

**Sample ID:** 11C0991-11

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Aroclor-1221 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Aroclor-1232 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Aroclor-1242 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Aroclor-1248 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Aroclor-1254 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Aroclor-1260 [1]	3.4	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Aroclor-1262 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Aroclor-1268 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:44	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		114	30-150					4/2/11 15:44	
Decachlorobiphenyl [2]		99.1	30-150					4/2/11 15:44	
Tetrachloro-m-xylene [1]		140	30-150					4/2/11 15:44	
Tetrachloro-m-xylene [2]		134	30-150					4/2/11 15:44	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:39

**Field Sample #:** 125-CBS-318

**Sample ID:** 11C0991-11

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.3		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-319

Sampled: 3/29/2011 10:31

**Sample ID:** 11C0991-12

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Aroclor-1260 [2]	2.0	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 15:59	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		117	30-150					4/2/11 15:59	
Decachlorobiphenyl [2]		105	30-150					4/2/11 15:59	
Tetrachloro-m-xylene [1]		142	30-150					4/2/11 15:59	
Tetrachloro-m-xylene [2]		127	30-150					4/2/11 15:59	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:31

**Field Sample #:** 125-CBS-319

**Sample ID:** 11C0991-12

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBS-320

Sampled: 3/29/2011 10:33

**Sample ID:** 11C0991-13

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Aroclor-1254 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Aroclor-1260 [2]	2.6	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 16:15	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	125		30-150					4/2/11 16:15	
Decachlorobiphenyl [2]	114		30-150					4/2/11 16:15	
Tetrachloro-m-xylene [1]	138		30-150					4/2/11 16:15	
Tetrachloro-m-xylene [2]	138		30-150					4/2/11 16:15	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

Sampled: 3/29/2011 10:33

**Field Sample #:** 125-CBS-320

**Sample ID:** 11C0991-13

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	4/1/11	4/1/11 14:23	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11C0991

Date Received: 3/31/2011

**Field Sample #:** 125-CBSQ-321

Sampled: 3/29/2011 11:15

**Sample ID:** 11C0991-14

Sample Matrix: Equipment Blank Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:42	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		99.1	30-150					4/2/11 15:42	
Decachlorobiphenyl [2]		102	30-150					4/2/11 15:42	
Tetrachloro-m-xylene [1]		88.0	30-150					4/2/11 15:42	
Tetrachloro-m-xylene [2]		90.0	30-150					4/2/11 15:42	

**Sample Extraction Data**
**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
11C0991-01 [125-CBS-308]	B028232	04/01/11
11C0991-02 [125-CBS-309]	B028232	04/01/11
11C0991-03 [125-CBS-310]	B028232	04/01/11
11C0991-04 [125-CBSD-311]	B028232	04/01/11
11C0991-05 [125-CBS-312]	B028232	04/01/11
11C0991-06 [125-CBS-313]	B028232	04/01/11
11C0991-07 [125-CBS-314]	B028232	04/01/11
11C0991-08 [125-CBS-315]	B028232	04/01/11
11C0991-09 [125-CBS-316]	B028232	04/01/11
11C0991-10 [125-CBS-317]	B028232	04/01/11
11C0991-11 [125-CBS-318]	B028232	04/01/11
11C0991-12 [125-CBS-319]	B028232	04/01/11
11C0991-13 [125-CBS-320]	B028232	04/01/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11C0991-01 [125-CBS-308]	B028271	10.0	50.0	04/01/11
11C0991-02 [125-CBS-309]	B028271	10.2	50.0	04/01/11
11C0991-03 [125-CBS-310]	B028271	10.0	50.0	04/01/11
11C0991-04 [125-CBSD-311]	B028271	10.0	50.0	04/01/11
11C0991-05 [125-CBS-312]	B028271	10.1	50.0	04/01/11
11C0991-06 [125-CBS-313]	B028271	10.2	50.0	04/01/11
11C0991-07 [125-CBS-314]	B028271	10.1	50.0	04/01/11
11C0991-08 [125-CBS-315]	B028271	10.2	50.0	04/01/11
11C0991-09 [125-CBS-316]	B028271	10.0	50.0	04/01/11
11C0991-10 [125-CBS-317]	B028271	10.0	50.0	04/01/11
11C0991-11 [125-CBS-318]	B028271	10.1	50.0	04/01/11
11C0991-12 [125-CBS-319]	B028271	10.2	50.0	04/01/11
11C0991-13 [125-CBS-320]	B028271	10.1	50.0	04/01/11

**Prep Method: SW-846 3510C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11C0991-14 [125-CBSQ-321]	B028237	1000	10.0	04/01/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028237 - SW-846 3510C**

<b>Blank (B028237-BLK1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	2.26		µg/L	2.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.35		µg/L	2.00		117	30-150			
Surrogate: Tetrachloro-m-xylene	1.83		µg/L	2.00		91.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.88		µg/L	2.00		93.9	30-150			

<b>LCS (B028237-BS1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	0.40	0.20	µg/L	0.500		81.0	40-140			
Aroclor-1016 [2C]	0.41	0.20	µg/L	0.500		81.6	40-140			
Aroclor-1260	0.50	0.20	µg/L	0.500		100	40-140			
Aroclor-1260 [2C]	0.52	0.20	µg/L	0.500		105	40-140			
Surrogate: Decachlorobiphenyl	2.12		µg/L	2.00		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.16		µg/L	2.00		108	30-150			
Surrogate: Tetrachloro-m-xylene	1.72		µg/L	2.00		86.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.77		µg/L	2.00		88.3	30-150			

<b>LCS Dup (B028237-BSD1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	0.41	0.20	µg/L	0.500		81.6	40-140	0.756	20	
Aroclor-1016 [2C]	0.41	0.20	µg/L	0.500		82.7	40-140	1.27	20	
Aroclor-1260	0.52	0.20	µg/L	0.500		103	40-140	3.02	20	
Aroclor-1260 [2C]	0.55	0.20	µg/L	0.500		109	40-140	3.98	20	
Surrogate: Decachlorobiphenyl	2.15		µg/L	2.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.20		µg/L	2.00		110	30-150			
Surrogate: Tetrachloro-m-xylene	1.67		µg/L	2.00		83.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.72		µg/L	2.00		86.0	30-150			

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028271 - SW-846 3540C**

<b>Blank (B028271-BLK1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.191		mg/Kg wet	0.200		95.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.181		mg/Kg wet	0.200		90.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.220		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.219		mg/Kg wet	0.200		109	30-150			

<b>LCS (B028271-BS1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		118	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Surrogate: Decachlorobiphenyl	0.205		mg/Kg wet	0.200		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.194		mg/Kg wet	0.200		97.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.224		mg/Kg wet	0.200		112	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.223		mg/Kg wet	0.200		111	30-150			

<b>LCS Dup (B028271-BSD1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		122	40-140	6.10	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		125	40-140	6.31	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		116	40-140	8.75	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		113	40-140	7.16	30	
Surrogate: Decachlorobiphenyl	0.205		mg/Kg wet	0.200		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.196		mg/Kg wet	0.200		97.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.232		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.231		mg/Kg wet	0.200		116	30-150			

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	---------	-------------

**Batch B028232 - % Solids**

Duplicate (B028232-DUP3)	<b>Source: 11C0991-09</b>			Prepared & Analyzed: 04/01/11				
% Solids	87.4		% Wt		85.4		2.31	20

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>SW-846 8082 in Soil</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Water</i></b>	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012

**CHAIN OF CUSTODY RECORD**

 39 Spruce Street  
 East Longmeadow, MA 01028

 Page 1

 Company Name: WODGEA : C 22A  
 Address: 35 New England Business Ctr

 Telephone: 866 782 6371 Project # 25-437223477

 Attention: AMY WALLACE M# 14

 Project Location: 125 Western Ave

 Sampled By: Contest Frame

 Project Proposal Provided? (for billing purposes)  
 Yes \_\_\_\_\_ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection	Beginning Date/Time	Ending Date/Time	Composite	Grab Date	Matrix Code	Conc. Code	R/CB's (3540C/18082)
-01	125-C3S-308	3/29/11		10:15		✓	S	L	X
-04	125-C3S-309	3/29/11		10:16		✓	S	L	X
-03	125-C3S-310	3/29/11		1020		✓	S	L	X
-04	125-C3S-D-311	3/29/11		1017		✓	S	L	X
-05	125-C3S-312	3/29/11		1020		✓	S	L	X
-06	125-C3S-313	3/29/11		1022		✓	S	L	X
-07	125-C3S-314	3/29/11		1025		✓	S	L	X
-08	125-C3S-315	3/29/11		1027		✓	S	L	X
-09	125-C3S-316	3/29/11		1030		✓	S	L	X
-10	125-C3S-317	3/29/11		1035		✓	S	L	X

Comments: PCBS via EPA 8082 w/ Swallow Extraction (3540C)

 P.L. < 1.0 mg/L  
 Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

 Requisitioned by (Signature) \_\_\_\_\_ Date/Time: 3/29/11 13:13 Turnaround: 7-Day

 Received by (Signature) \_\_\_\_\_ Date/Time: 3/31/11 Turnaround: 10-Day

 Prepared by (Signature) \_\_\_\_\_ Date/Time: 3/31/11 Turnaround: RUSH†

 Received by (Signature) \_\_\_\_\_ Date/Time: 3/31/11 Turnaround: 24-Hr  48-Hr

\*Required lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

**Detection Limit Requirements**
**Is your project MCP or RCP?**

Other: \_\_\_\_\_

MCP Analytical Certification Form Required

Other: \_\_\_\_\_

RCP Analysis Certification Form Required

Other: \_\_\_\_\_

MA State DW Form Required PWNSID #

Other: \_\_\_\_\_

MCP Matrix Code

Other: \_\_\_\_\_

RCP Matrix Code

Other: \_\_\_\_\_

Groundwater DW

Other: \_\_\_\_\_

Wastewater DW

Other: \_\_\_\_\_

Drinking Water DW

Other: \_\_\_\_\_

Air A

Other: \_\_\_\_\_

Sludge S

Other: \_\_\_\_\_

Soil/Solid S

Other: \_\_\_\_\_

Page 38 of 44

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT


 NELAC & AIHA Certified  
WB/DBE Certified

## CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 2



**ANALYTICAL LABORATORY**  
www.contestlabs.com

Company Name: WOODARD & JONES

Telephone: 845 702 6251

Project # 20427 02341

# of Contain  
als

Address: 35 New England Business Center

Attention: AMY WILBUR

DATA DELIVERY (check all that apply)

FAX  EMAIL  WEBSITE

Project Location: 125 Western Ave

Sampled By: GEORGE FARRELL

Client PO#

Project Proposal Provided? (for billing purposes)

- yes  no proposal date

\*\* Preserv  
ation  
\*\*\* Containe  
d Dissolved  
Field Filtered  
Lab to Filter

ANALYSIS REQUESTED

Fax #

Journal of Analytical Chemistry

Email: [Journal@ContestLabs.com](mailto:Journal@ContestLabs.com)

Format:

PDF  EXCEL  OGIS

OTHER

"Enhanced Data Package"

Con-Test Lab ID (laboratory use only)

Collection

Beginning Date/Time

Ending Date/Time

Composite

Grab

Code

Matrix

Conc. Unit

PCBS

(3540C/B082)

T-tedlar bag

O=Other

Sample ID / Description

3/29/11

103<sup>q</sup>

✓

S

L

X

Sample ID / Description

3/29/11

103<sup>q</sup>

✓

S

L

X

Sample ID / Description

3/29/11

103<sup>q</sup>

✓

O

C

X

Sample ID / Description

3/29/11

103<sup>q</sup>

✓

S

L

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Sample ID / Description

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Sample ID / Description

3/29/11

103<sup>q</sup>

✓

S

L

X

Comments: PC3's via USEPA 8082 w/ Sulfate Extraction (3540C)

POLY 1.0 mg/L

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Cone. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by (signature)

Date/Time: 3/29/11 13:13

Turnaround:

7-Day

10-Day

Other \_\_\_\_\_

Connecticut: \_\_\_\_\_

Received by (signature)

Date/Time: 3-31-11 19:30

RUSH<sup>†</sup>

Date/Time: 3-31-11 19:30

□ 24-Hr □ 48-Hr

□ 72-Hr □ 4-Day

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 3/31/11 19:30

Require lab approval

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

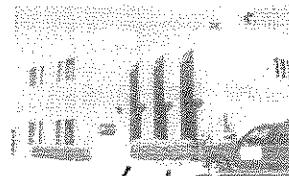
Date/Time: 3/31/11 19:30

Require lab approval

39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



### Sample Receipt Checklist



CLIENT NAME:

Woodard & Curran

RECEIVED BY: CEC

DATE: 3/31/11

1) Was the chain(s) of custody relinquished and signed?

Yes  
 Yes

2) Does the chain agree with the samples?

If not, explain:

3) Are all the samples in good condition?

Yes  
 No

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?

Yes  
 No

N/A

Temperature °C by Temp blank: 6.0

Temperature °C by Temp gun: \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter?

Yes  
 No

Who was notified \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

6) Are there any samples "On Hold"?

Yes  
 No

Stored where \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples?

Yes  
 No

Who was notified \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

8) Location where samples are stored:

14

Permission to subcontract samples? Yes No  
(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	2	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	13
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl	# Methanol	Time and Date Frozen
# Bisulfate	# DI Water	
# Thiosulfate	Unpreserved	

Do all samples have the proper Acid pH: Yes No N/A

Do all samples have the proper Base pH: Yes No N/A

**11C0988-01** CB-4

Analyte	Results	%RPD
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.272	0.2518693
Decachlorobiphenyl	0.217	0.1856761

**11C0991-01** 125-CBS-308

Analyte	Results	%RPD
<u>Surrogates</u>		
Aroclor-1260	0.81	0.7861769
<u>Decachlorobiphenyl</u>		
Tetrachloro-m-xylene	0.284	0.2749715
	0.321	0.3136733

**11C0991-02** 125-CBS-309

Analyte	Results	%RPD
<u>Surrogates</u>		
Aroclor-1260	1.0	1.002413
<u>Tetrachloro-m-xylene</u>		
Decachlorobiphenyl	0.355	0.3288751
	0.277	0.253127

**11C0991-03** 125-CBS-310

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	0.176	0.1358904
Tetrachloro-m-xylene	0.210	0.2073182

**11C0991-04** 125-CBSD-311

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	0.158	0.1206638
Tetrachloro-m-xylene	0.214	0.193758

**11C0991-05** 125-CBS-312

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	0.158	0.1360407
Tetrachloro-m-xylene	0.246	0.2028234

**11C0991-06** 125-CBS-313

Analyte	Results	%RPD
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.275	0.2610972
Decachlorobiphenyl	0.177	0.1340923

**11C0991-07** 125-CBS-314

Analyte	Results	%RPD
<u>Surrogates</u>		
Aroclor-1260	0.32	0.2727079
Tetrachloro-m-xylene	0.262	0.2504335
Decachlorobiphenyl	0.175	0.1344185

**11C0991-08** 125-CBS-315

Analyte	Results	%RPD
<u>Surrogates</u>		
Aroclor-1260	0.98	0.8572361
Decachlorobiphenyl	0.193	0.1503974
Tetrachloro-m-xylene	0.279	0.2542033

**11C0991-09** 125-CBS-316

Analyte	Results	%RPD
<u>Surrogates</u>		
Aroclor-1260	0.42	0.3381382

Tetrachloro-m-xylene	0.252	0.2200234	13.5
Decachlorobiphenyl	0.241	0.1879274	24.7

### 11C0991-10 125-CBS-317

Analyte	Results	%RPD	
Aroclor-1260	0.70	0.6806189	2.81
<b>Surrogates</b>			
Tetrachloro-m-xylene	0.294	0.2742597	6.95
Decachlorobiphenyl	0.211	0.1756007	18.3

### 11C0991-11 125-CBS-318

Analyte	Results	%RPD	
Aroclor-1260	3.4	3.383396	0.49
<b>Surrogates</b>			
Decachlorobiphenyl	0.274	0.2383456	13.9
Tetrachloro-m-xylene	0.336	0.3219085	4.28

### 11C0991-12 125-CBS-319

Analyte	Results	%RPD	
Aroclor-1260 [2C]	2.0	1.979584	1.03
<b>Surrogates</b>			
Tetrachloro-m-xylene	0.310	0.2764313	11.4
Decachlorobiphenyl	0.255	0.2287873	10.8

### 11C0991-13 125-CBS-320

Analyte	Results	%RPD	
Aroclor-1260 [2C]	2.6	2.488803	4.37
<b>Surrogates</b>			
Decachlorobiphenyl	0.289	0.2640187	9.03
Tetrachloro-m-xylene	0.320	0.3197464	0.0793

### 11C0991-14 125-CBSQ-321

Analyte	Results	%RPD	
<b>Surrogates</b>			
Decachlorobiphenyl	1.98	2.03727	2.85
Tetrachloro-m-xylene	1.76	1.80026	2.26

### B028237-BLK1 Blank

Analyte	Results	%RPD	
<b>Surrogates</b>			
Tetrachloro-m-xylene	1.83	1.87874	2.63
Decachlorobiphenyl	2.26	2.34592	3.73

### B028237-BS1 LCS

Analyte	Results	%RPD	
Aroclor-1016	0.40	0.40823	2.04
Aroclor-1260	0.50	0.52441	4.77
<b>Surrogates</b>			
Tetrachloro-m-xylene	1.72	1.76697	2.69
Decachlorobiphenyl	2.12	2.15617	1.69

### B028237-BSD1 LCS Dup

Analyte	Results	%RPD	
Aroclor-1016	0.41	0.41343	0.833
Aroclor-1260	0.52	0.54568	4.82
<b>Surrogates</b>			
Decachlorobiphenyl	2.15	2.20289	2.43
Tetrachloro-m-xylene	1.67	1.72049	2.98

### B028271-BLK1 Blank

Analyte	Results	%RPD	
<b>Surrogates</b>			
Decachlorobiphenyl	0.191	0.181465	5.12
Tetrachloro-m-xylene	0.220	0.218835	0.531

**B028271-BS1**

## LCS

Analyte	Results	%RPD
Aroclor-1016	0.23	0.23523
Aroclor-1260	0.21	0.21112
<b>Surrogates</b>		
Decachlorobiphenyl	0.205	0.19409
Tetrachloro-m-xylene	0.224	0.22276

**B028271-BSD1**

## LCS Dup

Analyte	Results	%RPD
Aroclor-1260	0.23	0.22679
Aroclor-1016	0.24	0.250565
<b>Surrogates</b>		
Decachlorobiphenyl	0.205	0.19587
Tetrachloro-m-xylene	0.232	0.231345

**B028271-MS1**

## Matrix Spike

Analyte	Results	%RPD
Aroclor-1260	0.24	0.2197614
Aroclor-1016	0.28	0.2690966
<b>Surrogates</b>		
Decachlorobiphenyl	0.208	0.1744432
Tetrachloro-m-xylene	0.297	0.280125

**B028271-MSD1**

## Matrix Spike Dup

Analyte	Results	%RPD
Aroclor-1016	0.27	0.2865682
Aroclor-1260	0.23	0.2170455
<b>Surrogates</b>		
Tetrachloro-m-xylene	0.284	0.2672898
Decachlorobiphenyl	0.203	0.1700057

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11C0991
Project Location:	125 Western Ave. - Boston	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11C0991-01 thru 11C0991-14

Matrices:              Soil              Water

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
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**Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature:		Position:	Laboratory Director
Printed Name:	Michael A. Erickson	Date:	04/04/11

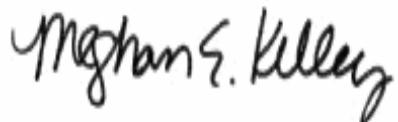
April 4, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: 125 Western Ave  
Client Job Number:  
Project Number: 223947  
Laboratory Work Order Number: 11D0048

Enclosed are results of analyses for samples received by the laboratory on April 1, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

REPORT DATE: 4/4/2011

Woodard & Curran - Andover MA  
 35 New England Business Center  
 Andover, MA 01810  
 ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11D0048

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-102	11D0048-01	Soil		SM 2540G SW-846 8082	
125-CBS-104	11D0048-02	Soil		SM 2540G SW-846 8082	
125-CBS-105	11D0048-03	Soil		SM 2540G SW-846 8082	
125-CBS-114	11D0048-04	Soil		SM 2540G SW-846 8082	
125-CBS-122	11D0048-05	Soil		SM 2540G SW-846 8082	
125-CBS-123	11D0048-06	Soil		SM 2540G SW-846 8082	
125-CBS-133	11D0048-07	Soil		SM 2540G SW-846 8082	
125-CBS-135	11D0048-08	Soil		SM 2540G SW-846 8082	
125-CBS-136	11D0048-09	Soil		SM 2540G SW-846 8082	
125-CBSQ-145	11D0048-10	Equipment Blank Water		SW-846 8082	
125-CBS-148	11D0048-11	Soil		SM 2540G SW-846 8082	
125-CBS-150	11D0048-12	Soil		SM 2540G SW-846 8082	
125-CBS-151	11D0048-13	Soil		SM 2540G SW-846 8082	
125-CBS-160	11D0048-14	Soil		SM 2540G SW-846 8082	
125-CBS-162	11D0048-15	Soil		SM 2540G SW-846 8082	
125-CBS-163	11D0048-16	Soil		SM 2540G SW-846 8082	
125-CBS-174	11D0048-17	Soil		SM 2540G SW-846 8082	
125-CBS-176	11D0048-18	Soil		SM 2540G SW-846 8082	
125-CBS-177	11D0048-19	Soil		SM 2540G SW-846 8082	
125-CBS-187	11D0048-20	Soil		SM 2540G SW-846 8082	
125-CBS-190	11D0048-21	Soil		SM 2540G SW-846 8082	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

REPORT DATE: 4/4/2011

Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810  
ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11D0048

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-191	11D0048-22	Soil		SM 2540G SW-846 8082	
125-CBS-275	11D0048-23	Soil		SM 2540G SW-846 8082	
125-CBS-281	11D0048-24	Soil		SM 2540G SW-846 8082	
125-CBS-293	11D0048-25	Soil		SM 2540G SW-846 8082	
125-CBS-294	11D0048-26	Soil		SM 2540G SW-846 8082	
125-CBS-299	11D0048-27	Soil		SM 2540G SW-846 8082	
125-CBS-300	11D0048-28	Soil		SM 2540G SW-846 8082	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

**SW-846 8082**

**Qualifications:**

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

**Analyte & Samples(s) Qualified:**

**Aroclor-1260, Aroclor-1260 [2C]**

B028289-MS1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

**Analyte & Samples(s) Qualified:**

**Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]**

11D0048-17[125-CBS-174]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.  
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-102

Sampled: 3/28/2011 07:50

**Sample ID:** 11D0048-01

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Aroclor-1260 [2]	1.2	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:37	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		95.2	30-150					4/2/11 22:37	
Decachlorobiphenyl [2]		98.9	30-150					4/2/11 22:37	
Tetrachloro-m-xylene [1]		100	30-150					4/2/11 22:37	
Tetrachloro-m-xylene [2]		105	30-150					4/2/11 22:37	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

Sampled: 3/28/2011 07:50

**Field Sample #:** 125-CBS-102

**Sample ID:** 11D0048-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.8		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

Sampled: 3/28/2011 07:47

**Field Sample #:** 125-CBS-104

**Sample ID:** 11D0048-02

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Aroclor-1260 [2]	0.26	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 22:52	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	93.3	30-150						4/2/11 22:52	
Decachlorobiphenyl [2]	95.2	30-150						4/2/11 22:52	
Tetrachloro-m-xylene [1]	93.6	30-150						4/2/11 22:52	
Tetrachloro-m-xylene [2]	90.9	30-150						4/2/11 22:52	

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Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

Sampled: 3/28/2011 07:47

**Field Sample #:** 125-CBS-104

**Sample ID:** 11D0048-02

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.5		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

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Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-105

Sampled: 3/28/2011 07:52

**Sample ID:** 11D0048-03

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Aroclor-1260 [2]	0.17	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:08	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	87.5	30-150						4/2/11 23:08	
Decachlorobiphenyl [2]	91.3	30-150						4/2/11 23:08	
Tetrachloro-m-xylene [1]	97.7	30-150						4/2/11 23:08	
Tetrachloro-m-xylene [2]	101	30-150						4/2/11 23:08	

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Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-105

Sampled: 3/28/2011 07:52

**Sample ID:** 11D0048-03

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-114

Sampled: 3/28/2011 08:20

**Sample ID:** 11D0048-04

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Aroclor-1260 [2]	0.70	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:23	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	89.2	30-150						4/2/11 23:23	
Decachlorobiphenyl [2]	92.1	30-150						4/2/11 23:23	
Tetrachloro-m-xylene [1]	96.5	30-150						4/2/11 23:23	
Tetrachloro-m-xylene [2]	103	30-150						4/2/11 23:23	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

Sampled: 3/28/2011 08:20

**Field Sample #:** 125-CBS-114

**Sample ID:** 11D0048-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-122

Sampled: 3/28/2011 08:43

**Sample ID:** 11D0048-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:39	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	95.6	30-150						4/2/11 23:39	
Decachlorobiphenyl [2]	99.4	30-150						4/2/11 23:39	
Tetrachloro-m-xylene [1]	96.0	30-150						4/2/11 23:39	
Tetrachloro-m-xylene [2]	102	30-150						4/2/11 23:39	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-122

Sampled: 3/28/2011 08:43

**Sample ID:** 11D0048-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.3		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-123

Sampled: 3/28/2011 08:45

**Sample ID:** 11D0048-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Aroclor-1260 [2]	0.27	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 23:54	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	96.2	30-150						4/2/11 23:54	
Decachlorobiphenyl [2]	100	30-150						4/2/11 23:54	
Tetrachloro-m-xylene [1]	99.7	30-150						4/2/11 23:54	
Tetrachloro-m-xylene [2]	103	30-150						4/2/11 23:54	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-123

Sampled: 3/28/2011 08:45

**Sample ID:** 11D0048-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-133

Sampled: 3/28/2011 09:25

**Sample ID:** 11D0048-07

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Aroclor-1254 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Aroclor-1260 [2]	2.1	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:26	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	122		30-150					4/2/11 17:26	
Decachlorobiphenyl [2]	125		30-150					4/2/11 17:26	
Tetrachloro-m-xylene [1]	113		30-150					4/2/11 17:26	
Tetrachloro-m-xylene [2]	126		30-150					4/2/11 17:26	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-133

Sampled: 3/28/2011 09:25

**Sample ID:** 11D0048-07

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.1		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-135

Sampled: 3/28/2011 09:35

**Sample ID:** 11D0048-08

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Aroclor-1260 [2]	0.38	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:25	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	99.5	30-150							4/3/11 0:25
Decachlorobiphenyl [2]	104	30-150							4/3/11 0:25
Tetrachloro-m-xylene [1]	100	30-150							4/3/11 0:25
Tetrachloro-m-xylene [2]	105	30-150							4/3/11 0:25

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-135

Sampled: 3/28/2011 09:35

**Sample ID:** 11D0048-08

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.3		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-136

Sampled: 3/28/2011 09:40

**Sample ID:** 11D0048-09

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Aroclor-1260 [2]	0.34	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 0:41	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	92.7	30-150							4/3/11 0:41
Decachlorobiphenyl [2]	97.0	30-150							4/3/11 0:41
Tetrachloro-m-xylene [1]	96.0	30-150							4/3/11 0:41
Tetrachloro-m-xylene [2]	102	30-150							4/3/11 0:41

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-136

Sampled: 3/28/2011 09:40

**Sample ID:** 11D0048-09

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBSQ-145

Sampled: 3/28/2011 10:12

**Sample ID:** 11D0048-10

Sample Matrix: Equipment Blank Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	4/1/11	4/2/11 15:56	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	111	30-150							4/2/11 15:56
Decachlorobiphenyl [2]	113	30-150							4/2/11 15:56
Tetrachloro-m-xylene [1]	110	30-150							4/2/11 15:56
Tetrachloro-m-xylene [2]	112	30-150							4/2/11 15:56

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-148

Sampled: 3/28/2011 10:28

**Sample ID:** 11D0048-11

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Aroclor-1260 [2]	1.0	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:43	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	96.4	30-150							4/3/11 1:43
Decachlorobiphenyl [2]	98.2	30-150							4/3/11 1:43
Tetrachloro-m-xylene [1]	95.7	30-150							4/3/11 1:43
Tetrachloro-m-xylene [2]	93.8	30-150							4/3/11 1:43

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-148

Sampled: 3/28/2011 10:28

**Sample ID:** 11D0048-11

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-150

Sampled: 3/28/2011 10:19

**Sample ID:** 11D0048-12

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Aroclor-1260 [2]	0.72	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 1:59	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	87.4	30-150						4/3/11 1:59	
Decachlorobiphenyl [2]	91.1	30-150						4/3/11 1:59	
Tetrachloro-m-xylene [1]	93.7	30-150						4/3/11 1:59	
Tetrachloro-m-xylene [2]	98.8	30-150						4/3/11 1:59	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-150

Sampled: 3/28/2011 10:19

**Sample ID:** 11D0048-12

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.7		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-151

Sampled: 3/28/2011 10:27

**Sample ID:** 11D0048-13

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Aroclor-1260 [2]	0.54	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:14	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	90.0	30-150							4/3/11 2:14
Decachlorobiphenyl [2]	92.2	30-150							4/3/11 2:14
Tetrachloro-m-xylene [1]	91.5	30-150							4/3/11 2:14
Tetrachloro-m-xylene [2]	93.7	30-150							4/3/11 2:14

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

Sampled: 3/28/2011 10:27

**Field Sample #:** 125-CBS-151

**Sample ID:** 11D0048-13

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-160

Sampled: 3/28/2011 10:39

**Sample ID:** 11D0048-14

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Aroclor-1260 [2]	1.3	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 2:30	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		90.1	30-150					4/3/11 2:30	
Decachlorobiphenyl [2]		94.5	30-150					4/3/11 2:30	
Tetrachloro-m-xylene [1]		95.3	30-150					4/3/11 2:30	
Tetrachloro-m-xylene [2]		100	30-150					4/3/11 2:30	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-160

Sampled: 3/28/2011 10:39

**Sample ID:** 11D0048-14

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-162

Sampled: 3/28/2011 10:41

**Sample ID:** 11D0048-15

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1260 [2]	2.5	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	109	30-150						4/2/11 20:01	
Decachlorobiphenyl [2]	111	30-150						4/2/11 20:01	
Tetrachloro-m-xylene [1]	106	30-150						4/2/11 20:01	
Tetrachloro-m-xylene [2]	119	30-150						4/2/11 20:01	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-162

Sampled: 3/28/2011 10:41

**Sample ID:** 11D0048-15

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.0		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-163

Sampled: 3/28/2011 10:42

**Sample ID:** 11D0048-16

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Aroclor-1260 [2]	0.92	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:01	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		93.3	30-150					4/3/11 3:01	
Decachlorobiphenyl [2]		96.3	30-150					4/3/11 3:01	
Tetrachloro-m-xylene [1]		98.0	30-150					4/3/11 3:01	
Tetrachloro-m-xylene [2]		104	30-150					4/3/11 3:01	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-163

Sampled: 3/28/2011 10:42

**Sample ID:** 11D0048-16

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.1		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-174

Sampled: 3/28/2011 11:08

**Sample ID:** 11D0048-17

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Aroclor-1260 [2]	6.3	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/1/11	4/3/11 11:53	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01				4/3/11 11:53
Decachlorobiphenyl [2]	*		30-150		S-01				4/3/11 11:53
Tetrachloro-m-xylene [1]	*		30-150		S-01				4/3/11 11:53
Tetrachloro-m-xylene [2]	*		30-150		S-01				4/3/11 11:53

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-174

Sampled: 3/28/2011 11:08

**Sample ID:** 11D0048-17

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-176

Sampled: 3/28/2011 11:11

**Sample ID:** 11D0048-18

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Aroclor-1260 [2]	0.19	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 12:08	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	91.8	30-150						4/3/11 12:08	
Decachlorobiphenyl [2]	94.7	30-150						4/3/11 12:08	
Tetrachloro-m-xylene [1]	97.4	30-150						4/3/11 12:08	
Tetrachloro-m-xylene [2]	101	30-150						4/3/11 12:08	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-176

Sampled: 3/28/2011 11:11

**Sample ID:** 11D0048-18

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-177

Sampled: 3/28/2011 11:12

**Sample ID:** 11D0048-19

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Aroclor-1260 [2]	0.33	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 3:47	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	96.2		30-150					4/3/11 3:47	
Decachlorobiphenyl [2]	98.8		30-150					4/3/11 3:47	
Tetrachloro-m-xylene [1]	100		30-150					4/3/11 3:47	
Tetrachloro-m-xylene [2]	104		30-150					4/3/11 3:47	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-177

Sampled: 3/28/2011 11:12

**Sample ID:** 11D0048-19

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-187

Sampled: 3/28/2011 11:22

**Sample ID:** 11D0048-20

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Aroclor-1260 [2]	0.71	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:03	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	91.4	30-150						4/3/11 4:03	
Decachlorobiphenyl [2]	96.1	30-150						4/3/11 4:03	
Tetrachloro-m-xylene [1]	89.2	30-150						4/3/11 4:03	
Tetrachloro-m-xylene [2]	92.9	30-150						4/3/11 4:03	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-187

Sampled: 3/28/2011 11:22

**Sample ID:** 11D0048-20

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.5		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-190

Sampled: 3/28/2011 11:26

**Sample ID:** 11D0048-21

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Aroclor-1260 [2]	0.28	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/1/11	4/3/11 4:18	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	92.6	30-150							4/3/11 4:18
Decachlorobiphenyl [2]	96.2	30-150							4/3/11 4:18
Tetrachloro-m-xylene [1]	89.6	30-150							4/3/11 4:18
Tetrachloro-m-xylene [2]	92.7	30-150							4/3/11 4:18

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

Sampled: 3/28/2011 11:26

**Field Sample #:** 125-CBS-190

**Sample ID:** 11D0048-21

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.8		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-191

Sampled: 3/28/2011 11:27

**Sample ID:** 11D0048-22

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:48	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:48	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:48	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:48	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:48	JMB
Aroclor-1260 [1]	0.15	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:48	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:48	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 19:48	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		92.4	30-150					4/2/11 19:48	
Decachlorobiphenyl [2]		95.9	30-150					4/2/11 19:48	
Tetrachloro-m-xylene [1]		112	30-150					4/2/11 19:48	
Tetrachloro-m-xylene [2]		117	30-150					4/2/11 19:48	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-191

Sampled: 3/28/2011 11:27

**Sample ID:** 11D0048-22

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.3		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-275

Sampled: 3/28/2011 07:55

**Sample ID:** 11D0048-23

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1260 [2]	0.43	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:01	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	95.3		30-150						4/2/11 20:01
Decachlorobiphenyl [2]	99.3		30-150						4/2/11 20:01
Tetrachloro-m-xylene [1]	109		30-150						4/2/11 20:01
Tetrachloro-m-xylene [2]	113		30-150						4/2/11 20:01

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

Sampled: 3/28/2011 07:55

**Field Sample #:** 125-CBS-275

**Sample ID:** 11D0048-23

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.0		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-281

Sampled: 3/28/2011 08:20

**Sample ID:** 11D0048-24

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1221 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:58	JMB
Aroclor-1232 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:58	JMB
Aroclor-1242 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:58	JMB
Aroclor-1248 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:58	JMB
Aroclor-1254 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:58	JMB
Aroclor-1260 [2]	4.7	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:58	JMB
Aroclor-1262 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:58	JMB
Aroclor-1268 [1]	ND	0.44	mg/Kg dry	4		SW-846 8082	4/1/11	4/2/11 17:58	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		127	30-150					4/2/11 17:58	
Decachlorobiphenyl [2]		124	30-150					4/2/11 17:58	
Tetrachloro-m-xylene [1]		132	30-150					4/2/11 17:58	
Tetrachloro-m-xylene [2]		129	30-150					4/2/11 17:58	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-281

Sampled: 3/28/2011 08:20

**Sample ID:** 11D0048-24

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.1		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-293

Sampled: 3/28/2011 08:53

**Sample ID:** 11D0048-25

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:28	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:28	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:28	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:28	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:28	JMB
Aroclor-1260 [1]	0.23	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:28	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:28	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:28	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	99.5		30-150						4/2/11 20:28
Decachlorobiphenyl [2]	108		30-150						4/2/11 20:28
Tetrachloro-m-xylene [1]	105		30-150						4/2/11 20:28
Tetrachloro-m-xylene [2]	108		30-150						4/2/11 20:28

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-293

Sampled: 3/28/2011 08:53

**Sample ID:** 11D0048-25

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.1		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-294

Sampled: 3/28/2011 08:55

**Sample ID:** 11D0048-26

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:42	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:42	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:42	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:42	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:42	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:42	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:42	JMB
Surrogates	% Recovery	Recovery Limits		Flag					
Decachlorobiphenyl [1]	79.9	30-150						4/2/11 20:42	
Decachlorobiphenyl [2]	123	30-150						4/2/11 20:42	
Tetrachloro-m-xylene [1]	82.3	30-150						4/2/11 20:42	
Tetrachloro-m-xylene [2]	91.5	30-150						4/2/11 20:42	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-294

Sampled: 3/28/2011 08:55

**Sample ID:** 11D0048-26

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.5		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-299

Sampled: 3/28/2011 09:01

**Sample ID:** 11D0048-27

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:55	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:55	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:55	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:55	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:55	JMB
Aroclor-1260 [2]	0.82	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:55	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:55	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 20:55	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		97.7	30-150					4/2/11 20:55	
Decachlorobiphenyl [2]		105	30-150					4/2/11 20:55	
Tetrachloro-m-xylene [1]		119	30-150					4/2/11 20:55	
Tetrachloro-m-xylene [2]		125	30-150					4/2/11 20:55	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-299

Sampled: 3/28/2011 09:01

**Sample ID:** 11D0048-27

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.4		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-300

Sampled: 3/28/2011 09:03

**Sample ID:** 11D0048-28

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 21:09	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 21:09	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 21:09	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 21:09	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 21:09	JMB
Aroclor-1260 [2]	0.69	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 21:09	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 21:09	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/1/11	4/2/11 21:09	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		77.6	30-150					4/2/11 21:09	
Decachlorobiphenyl [2]		83.0	30-150					4/2/11 21:09	
Tetrachloro-m-xylene [1]		101	30-150					4/2/11 21:09	
Tetrachloro-m-xylene [2]		106	30-150					4/2/11 21:09	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave

Sample Description:

Work Order: 11D0048

Date Received: 4/1/2011

**Field Sample #:** 125-CBS-300

Sampled: 3/28/2011 09:03

**Sample ID:** 11D0048-28

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	4/2/11	4/3/11 12:15	VAF

**Sample Extraction Data**
**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
11D0048-01 [125-CBS-102]	B028290	04/02/11
11D0048-02 [125-CBS-104]	B028290	04/02/11
11D0048-03 [125-CBS-105]	B028290	04/02/11
11D0048-04 [125-CBS-114]	B028290	04/02/11
11D0048-05 [125-CBS-122]	B028290	04/02/11
11D0048-06 [125-CBS-123]	B028290	04/02/11
11D0048-07 [125-CBS-133]	B028290	04/02/11
11D0048-08 [125-CBS-135]	B028290	04/02/11
11D0048-09 [125-CBS-136]	B028290	04/02/11
11D0048-11 [125-CBS-148]	B028290	04/02/11
11D0048-12 [125-CBS-150]	B028290	04/02/11
11D0048-13 [125-CBS-151]	B028290	04/02/11
11D0048-14 [125-CBS-160]	B028290	04/02/11
11D0048-15 [125-CBS-162]	B028290	04/02/11
11D0048-16 [125-CBS-163]	B028290	04/02/11
11D0048-17 [125-CBS-174]	B028290	04/02/11
11D0048-18 [125-CBS-176]	B028290	04/02/11
11D0048-19 [125-CBS-177]	B028290	04/02/11
11D0048-20 [125-CBS-187]	B028290	04/02/11
11D0048-21 [125-CBS-190]	B028290	04/02/11
11D0048-22 [125-CBS-191]	B028290	04/02/11
11D0048-23 [125-CBS-275]	B028290	04/02/11
11D0048-24 [125-CBS-281]	B028290	04/02/11
11D0048-25 [125-CBS-293]	B028290	04/02/11
11D0048-26 [125-CBS-294]	B028290	04/02/11
11D0048-27 [125-CBS-299]	B028290	04/02/11
11D0048-28 [125-CBS-300]	B028290	04/02/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0048-22 [125-CBS-191]	B028288	10.2	50.0	04/01/11
11D0048-23 [125-CBS-275]	B028288	10.0	50.0	04/01/11
11D0048-24 [125-CBS-281]	B028288	10.0	50.0	04/01/11
11D0048-25 [125-CBS-293]	B028288	10.1	50.0	04/01/11
11D0048-26 [125-CBS-294]	B028288	10.2	50.0	04/01/11
11D0048-27 [125-CBS-299]	B028288	10.0	50.0	04/01/11
11D0048-28 [125-CBS-300]	B028288	10.0	50.0	04/01/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0048-01 [125-CBS-102]	B028289	10.1	50.0	04/01/11
11D0048-02 [125-CBS-104]	B028289	10.2	50.0	04/01/11
11D0048-03 [125-CBS-105]	B028289	10.0	50.0	04/01/11
11D0048-04 [125-CBS-114]	B028289	10.0	50.0	04/01/11
11D0048-05 [125-CBS-122]	B028289	10.1	50.0	04/01/11
11D0048-06 [125-CBS-123]	B028289	10.2	50.0	04/01/11
11D0048-07 [125-CBS-133]	B028289	10.0	50.0	04/01/11
11D0048-08 [125-CBS-135]	B028289	10.0	50.0	04/01/11
11D0048-09 [125-CBS-136]	B028289	10.1	50.0	04/01/11
11D0048-11 [125-CBS-148]	B028289	10.1	50.0	04/01/11
11D0048-12 [125-CBS-150]	B028289	10.2	50.0	04/01/11

**Sample Extraction Data**
**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0048-13 [125-CBS-151]	B028289	10.0	50.0	04/01/11
11D0048-14 [125-CBS-160]	B028289	10.0	50.0	04/01/11
11D0048-15 [125-CBS-162]	B028289	10.1	50.0	04/01/11
11D0048-16 [125-CBS-163]	B028289	10.2	50.0	04/01/11
11D0048-17 [125-CBS-174]	B028289	10.0	50.0	04/01/11
11D0048-18 [125-CBS-176]	B028289	10.0	50.0	04/01/11
11D0048-19 [125-CBS-177]	B028289	10.1	50.0	04/01/11
11D0048-20 [125-CBS-187]	B028289	10.2	50.0	04/01/11
11D0048-21 [125-CBS-190]	B028289	10.1	50.0	04/01/11

**Prep Method: SW-846 3510C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11D0048-10 [125-CBSQ-145]	B028237	1000	10.0	04/01/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028237 - SW-846 3510C**

<b>Blank (B028237-BLK1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	2.26		µg/L	2.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.35		µg/L	2.00		117	30-150			
Surrogate: Tetrachloro-m-xylene	1.83		µg/L	2.00		91.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.88		µg/L	2.00		93.9	30-150			

<b>LCS (B028237-BS1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	0.40	0.20	µg/L	0.500		81.0	40-140			
Aroclor-1016 [2C]	0.41	0.20	µg/L	0.500		81.6	40-140			
Aroclor-1260	0.50	0.20	µg/L	0.500		100	40-140			
Aroclor-1260 [2C]	0.52	0.20	µg/L	0.500		105	40-140			
Surrogate: Decachlorobiphenyl	2.12		µg/L	2.00		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.16		µg/L	2.00		108	30-150			
Surrogate: Tetrachloro-m-xylene	1.72		µg/L	2.00		86.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.77		µg/L	2.00		88.3	30-150			

<b>LCS Dup (B028237-BSD1)</b>					Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	0.41	0.20	µg/L	0.500		81.6	40-140	0.756	20	
Aroclor-1016 [2C]	0.41	0.20	µg/L	0.500		82.7	40-140	1.27	20	
Aroclor-1260	0.52	0.20	µg/L	0.500		103	40-140	3.02	20	
Aroclor-1260 [2C]	0.55	0.20	µg/L	0.500		109	40-140	3.98	20	
Surrogate: Decachlorobiphenyl	2.15		µg/L	2.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.20		µg/L	2.00		110	30-150			
Surrogate: Tetrachloro-m-xylene	1.67		µg/L	2.00		83.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.72		µg/L	2.00		86.0	30-150			

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028288 - SW-846 3540C**
**Blank (B028288-BLK1)**

Prepared: 04/01/11 Analyzed: 04/02/11

Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.231		mg/Kg wet	0.200		115		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.240		mg/Kg wet	0.200		120		30-150		
Surrogate: Tetrachloro-m-xylene	0.218		mg/Kg wet	0.200		109		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.229		mg/Kg wet	0.200		115		30-150		

**LCS (B028288-BS1)**

Prepared: 04/01/11 Analyzed: 04/02/11

Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		106		40-140		
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106		40-140		
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		115		40-140		
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		126		40-140		
Surrogate: Decachlorobiphenyl	0.242		mg/Kg wet	0.200		121		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.251		mg/Kg wet	0.200		126		30-150		
Surrogate: Tetrachloro-m-xylene	0.237		mg/Kg wet	0.200		118		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.249		mg/Kg wet	0.200		125		30-150		

**LCS Dup (B028288-BSD1)**

Prepared: 04/01/11 Analyzed: 04/02/11

Aroclor-1016	0.18	0.10	mg/Kg wet	0.200	91.8	40-140	14.4	30		
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200	93.1	40-140	12.7	30		
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200	102	40-140	11.3	30		
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200	114	40-140	9.41	30		
Surrogate: Decachlorobiphenyl	0.217		mg/Kg wet	0.200	109		30-150			
Surrogate: Decachlorobiphenyl [2C]	0.225		mg/Kg wet	0.200	112		30-150			
Surrogate: Tetrachloro-m-xylene	0.206		mg/Kg wet	0.200	103		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.217		mg/Kg wet	0.200	109		30-150			

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028288 - SW-846 3540C**

Matrix Spike (B028288-MS1)	Source: 11D0048-22		Prepared: 04/01/11 Analyzed: 04/02/11						
Aroclor-1016	0.26	0.11	mg/Kg dry	0.221	0.0	116	40-140		
Aroclor-1016 [2C]	0.27	0.11	mg/Kg dry	0.221	0.0	120	40-140		
Aroclor-1260	0.40	0.11	mg/Kg dry	0.221	0.15	112	40-140		
Aroclor-1260 [2C]	0.41	0.11	mg/Kg dry	0.221	0.14	122	40-140		
Surrogate: Decachlorobiphenyl	0.210		mg/Kg dry	0.221	95.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.223		mg/Kg dry	0.221	101	30-150			
Surrogate: Tetrachloro-m-xylene	0.248		mg/Kg dry	0.221	112	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.259		mg/Kg dry	0.221	117	30-150			
Matrix Spike Dup (B028288-MSD1)	Source: 11D0048-22		Prepared: 04/01/11 Analyzed: 04/02/11						
Aroclor-1016	0.27	0.11	mg/Kg dry	0.221	0.0	123	40-140	6.27	50
Aroclor-1016 [2C]	0.30	0.11	mg/Kg dry	0.221	0.0	134	40-140	11.3	50
Aroclor-1260	0.42	0.11	mg/Kg dry	0.221	0.15	121	40-140	4.89	50
Aroclor-1260 [2C]	0.44	0.11	mg/Kg dry	0.221	0.14	133	40-140	5.69	50
Surrogate: Decachlorobiphenyl	0.198		mg/Kg dry	0.221	89.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.212		mg/Kg dry	0.221	95.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.258		mg/Kg dry	0.221	117	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.271		mg/Kg dry	0.221	122	30-150			

**Batch B028289 - SW-846 3540C**

Blank (B028289-BLK1)	Prepared: 04/01/11 Analyzed: 04/02/11					
Aroclor-1016	ND	0.10	mg/Kg wet			
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1221	ND	0.10	mg/Kg wet			
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1232	ND	0.10	mg/Kg wet			
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1242	ND	0.10	mg/Kg wet			
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1248	ND	0.10	mg/Kg wet			
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1254	ND	0.10	mg/Kg wet			
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1260	ND	0.10	mg/Kg wet			
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1262	ND	0.10	mg/Kg wet			
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet			
Aroclor-1268	ND	0.10	mg/Kg wet			
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet			
Surrogate: Decachlorobiphenyl	0.212		mg/Kg wet	0.200	106	30-150
Surrogate: Decachlorobiphenyl [2C]	0.215		mg/Kg wet	0.200	108	30-150
Surrogate: Tetrachloro-m-xylene	0.189		mg/Kg wet	0.200	94.5	30-150
Surrogate: Tetrachloro-m-xylene [2C]	0.203		mg/Kg wet	0.200	102	30-150

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
<b>Batch B028289 - SW-846 3540C</b>									
<b>LCS (B028289-BS1)</b>									
Prepared: 04/01/11 Analyzed: 04/02/11									
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200	103	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200	108	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200	102	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200	103	40-140			
Surrogate: Decachlorobiphenyl	0.201		mg/Kg wet	0.200	101	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.204		mg/Kg wet	0.200	102	30-150			
Surrogate: Tetrachloro-m-xylene	0.185		mg/Kg wet	0.200	92.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.198		mg/Kg wet	0.200	98.8	30-150			
<b>LCS Dup (B028289-BSD1)</b>									
Prepared: 04/01/11 Analyzed: 04/02/11									
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200	94.6	40-140	8.17	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200	98.9	40-140	9.11	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200	92.8	40-140	9.03	30	
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200	95.0	40-140	8.56	30	
Surrogate: Decachlorobiphenyl	0.181		mg/Kg wet	0.200	90.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.184		mg/Kg wet	0.200	91.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.168		mg/Kg wet	0.200	83.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.182		mg/Kg wet	0.200	91.1	30-150			
<b>Matrix Spike (B028289-MS1)</b>									
<b>Source: 11D0048-01</b> Prepared: 04/01/11 Analyzed: 04/03/11									
Aroclor-1016	0.22	0.11	mg/Kg dry	0.225	0.0	98.9	40-140		
Aroclor-1016 [2C]	0.26	0.11	mg/Kg dry	0.225	0.0	117	40-140		
<b>Aroclor-1260</b>	<b>1.1</b>	<b>0.11</b>	<b>mg/Kg dry</b>	<b>0.225</b>	<b>1.1</b>	<b>-4.59</b>	<b>*</b>	<b>40-140</b>	<b>MS-24</b>
<b>Aroclor-1260 [2C]</b>	<b>1.2</b>	<b>0.11</b>	<b>mg/Kg dry</b>	<b>0.225</b>	<b>1.2</b>	<b>13.3</b>	<b>*</b>	<b>40-140</b>	<b>MS-24</b>
Surrogate: Decachlorobiphenyl	0.175		mg/Kg dry	0.225	77.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.184		mg/Kg dry	0.225	81.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.212		mg/Kg dry	0.225	94.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.224		mg/Kg dry	0.225	99.4	30-150			
<b>Matrix Spike Dup (B028289-MSD1)</b>									
<b>Source: 11D0048-01</b> Prepared: 04/01/11 Analyzed: 04/03/11									
Aroclor-1016	0.24	0.11	mg/Kg dry	0.225	0.0	108	40-140	8.39	50
Aroclor-1016 [2C]	0.27	0.11	mg/Kg dry	0.225	0.0	120	40-140	3.06	50
Aroclor-1260	1.3	0.11	mg/Kg dry	0.225	1.1	85.5	40-140	16.8	50
Aroclor-1260 [2C]	1.4	0.11	mg/Kg dry	0.225	1.2	107	40-140	16.3	50
Surrogate: Decachlorobiphenyl	0.198		mg/Kg dry	0.225	88.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.207		mg/Kg dry	0.225	91.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.216		mg/Kg dry	0.225	95.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.222		mg/Kg dry	0.225	98.4	30-150			

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

MS-24 Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

S-01 The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>SW-846 8082 in Soil</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Water</i></b>	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012

Company Name: <u>Woodard &amp; Curran</u>		Telephone: <u>800 702 6341</u>	Project #: <u>223447</u>	<u>11D0048</u>
Address: <u>35 New England Ave</u>		Client PO#	A	<u>1</u>
Attention: <u>APM Lab Acc</u>		DATA DELIVERY (check all that apply)	I	<u>1</u>
Project Location: <u>125 Western Ave</u>		<input type="checkbox"/> FAX	A	<u>1</u>
Sampled By: <u>George T. Gaskins</u>		<input checked="" type="checkbox"/> EMAIL		<u>1</u>
Project Proposal Provided? (for billing purposes)		<input type="checkbox"/> WEBSITE		<u>1</u>
O yes _____ proposal date				
Con-Test Lab ID	Client Sample ID / Description	Collection	O "Enhanced Data Package"	
		Beginning Date/Time	Ending Date/Time	
1	115 - C3S - 102	<u>3/25/11</u>	<u>0750</u>	<input checked="" type="checkbox"/> Matrix
2	125-CBS-104	<u>3/25/11</u>	<u>0747</u>	<input checked="" type="checkbox"/> Grab
3	125-CBS-105	<u>3/28/11</u>	<u>0752</u>	<input checked="" type="checkbox"/> Composite
4	125-CBS-114	<u>3/28/11</u>	<u>0820</u>	<input checked="" type="checkbox"/> S
5	125-CBS-122	<u>3/28/11</u>	<u>0843</u>	<input checked="" type="checkbox"/> L
6	125-CBS-123	<u>3/28/11</u>	<u>0845</u>	<input checked="" type="checkbox"/> X
7	125-CBS-133	<u>3/28/11</u>	<u>0925</u>	<input checked="" type="checkbox"/> S
8	125-CBS-135	<u>3/28/11</u>	<u>0935</u>	<input checked="" type="checkbox"/> L
9	125-CBS-136	<u>3/28/11</u>	<u>0940</u>	<input checked="" type="checkbox"/> X
10	125-CBSA-145	<u>3/25/11</u>	<u>1012</u>	<input checked="" type="checkbox"/> S
			<input checked="" type="checkbox"/> C	
			<input checked="" type="checkbox"/> X	
Comments: <u>PBS NIN/UEFA 8032 w/ Six-Hour Extraction (35ml)</u>				
R.L. $\leq$ 1.0 mg/kg				
Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Cone. Code Box:				
Relief/Fish by: (signature) <u>John H. Smith</u>	Date/Time: <u>4/11/11 1510</u>	Turnaround <sup>†</sup>	<u>Detection Limit Requirements</u>	
Received by: (signature) <u>John H. Smith</u>	Date/Time: <u>4/11/11 1510</u>	<input type="checkbox"/> 7-Day	Massachusetts:	
Relinquished by: (signature) <u>John H. Smith</u>	Date/Time: <u>4/11/11 1915</u>	<input type="checkbox"/> 10-Day	<input checked="" type="checkbox"/> MCP Analytical Certification Form Required	
Released by: (signature) <u>John H. Smith</u>	Date/Time: <u>4/11/11 1915</u>	<input type="checkbox"/> Other _____	<input type="checkbox"/> RCP Analysis Certification Form Required	
RUSH <sup>†</sup>				
<input type="checkbox"/> 24-Hr <input checked="" type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day				
† Require lab approval				
Other: <u>≤ 1.0 mg/kg</u>				
H - High; M - Medium; L - Low; C - Clean; U - Unknown				
Is your project MCP or RCP?				
<input checked="" type="checkbox"/> MCP Analytical Certification Form Required <input type="checkbox"/> RCP Analysis Certification Form Required <input type="checkbox"/> MA State DW Form Required PWSID # _____				
 <b>NELAC &amp; AIHA Certified</b> <small>Accredited by the National Environmental Laboratory Accreditation Conference (NELAC) and the American Industrial Hygiene Association (AIHA). NELAC is a registered trademark of the NELAC Accredited Program.</small>				

COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE YOUR SAMPLE

Company Name: <u>WOODWARD &amp; COWAN</u>	Telephone: <u>866 702 6371</u>					
Address: <u>35 NEW ENGLAND BLDG CT, 2</u>	Project #: <u>223947</u>					
Attention: <u>AMY WALLACE</u> <u>MA</u>	Client PO#					
Project Location: <u>125 WESTERN Ave</u>	<input type="checkbox"/> DATA DELIVERY (check all that apply)					
Sampled By: <u>George FRANKLIN</u>	<input type="radio"/> FAX <input checked="" type="radio"/> EMAIL <input type="radio"/> WEBSITE					
Project Proposal Provided? (for billing purposes) <input type="radio"/> Yes _____ proposal date	Email: <u>gfranklin@woodwardcavan.com</u>					
Con-Test Lab ID (laboratory use only)	Collection					
Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab Date/Time	Matrix	Conc. Units
<u>125-CBS-148</u>	<u>3/28/11</u>	<u>1028</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-150</u>	<u>3/28/11</u>	<u>1019</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-151</u>	<u>3/28/11</u>	<u>1027</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-160</u>	<u>3/28/11</u>	<u>1039</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-162</u>	<u>3/28/11</u>	<u>1041</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-163</u>	<u>3/28/11</u>	<u>1042</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-174</u>	<u>3/28/11</u>	<u>1108</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-176</u>	<u>3/28/11</u>	<u>1111</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-177</u>	<u>3/28/11</u>	<u>1112</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>
<u>125-CBS-187</u>	<u>3/28/11</u>	<u>1122</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>L</u>	<input checked="" type="checkbox"/>

Comments: PCBs via USEPA 8032 w/ Soxhlet Extractor (3540)

P.L. <-10 mg/kg

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Released by (signature)

Date/Time: 4/1/11 1510

Turnaround<sup>††</sup>

7-Day

10-Day

Other \_\_\_\_\_

Massachusetts: \_\_\_\_\_

Connecticut: \_\_\_\_\_

Other: \_\_\_\_\_

Received by (signature)

Date/Time: 4/1/11 1510

RUSH<sup>†</sup>

24-Hr  48-Hr

72-Hr  4-Day

Require lab approval

Other: \_\_\_\_\_

<sup>†</sup> = other

### Is your project MCP or RCP?

MCP Analytical Certification Form Required

RCP Analysis Certification Form Required

MA State DW Form Required PWSID # \_\_\_\_\_

Accredited in accordance with the National Environmental Laboratory Accreditation Conference (NELAC) and the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Test Methods (D2857).

NELAC & AIHA Certified

WBEDBE Certified

COMPLETLY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

ANALYTICAL LABORATORY

Email: info@contestlabs.com

Company Name: WOODARDS CULINARY

Telephone: 844-102-6371

Address: 35 NEW ENGLAND BLDG. C.R.

Project #: 223947

Attention: AMY WAWAWE

 Client PO# 

Project Location: 125 - WESTERN Ave

DATA DELIVERY (check all that apply)

 FAX  EMAIL  WEBSITE

Sampled By: GEORGE FRANCIS

 Fax # 518-723-6200  
 Email: georgefrancis@juno.com

Project Proposal Provided? (for billing purposes)

 Yes \_\_\_\_\_ proposal date

 Format:  SPREADSHEET  WORD  EXCEL  OGIS  OTHER

Dissolved Metals

 Field Filtered  Lab to Filter

 Project ID: PCBs (3540C)

\*\*\*Cont. Code:

A=Amber glass

G=glass

P=plastic

ST=steele

V=vial

S=summary can

T=tedlar bag

O=Other

Analysis Requested

\*\*Preservation

I=Iced

H=HCl

M=Methanol

N= Nitric Acid

S=Sulfuric Acid

B=Sodium bisulfate

X=Na hydroxide

T=Na thiosulfate

O= Other

Comments: PCBs via 8082 w/ Soxhlet Extractor (3540C)

Please use the following codes to let Con-Test know if a specific sample

may be high in concentration in Matrix/Conc. Code Box:

R = High; M = Medium; L = Low; C = Clean; U = Unknown

 Received by: Signature

 Date/Time: 15/10

Turnaround

7-Day

10-Day

Other \_\_\_\_\_

 RUSH<sup>†</sup>

Connecticut

\_\_\_\_\_

\_\_\_\_\_

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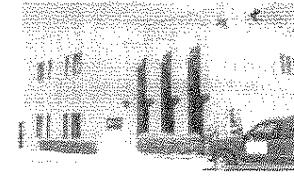
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39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



## Sample Receipt Checklist



CLIENT NAME: Woodard + Curran

RECEIVED BY: CBS

DATE: 4/1/11

1) Was the chain(s) of custody relinquished and signed?

Yes       No

2) Does the chain agree with the samples?

Yes       No

If not, explain:

3) Are all the samples in good condition?

Yes       No

If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?

Yes       No       N/A

Temperature °C by Temp blank: \_\_\_\_\_ Temperature °C by Temp gun: 5.3 °C

5) Are there Dissolved samples for the lab to filter?

Yes       No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"?

Yes       No      Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples?

Yes       No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored:

(1)

Permission to subcontract samples? Yes  No

(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	2	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	3
250 mL Amber (8oz amber)	24	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes  No  N/A

Do all samples have the proper Base pH: Yes  No  N/A

March 2011

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11D0048
Project Location:	125 Western Ave	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11D0048-01 thru 11D0048-28

Matrices:                   Soil                   Water

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
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**Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature: \_\_\_\_\_

Position: Laboratory Manager

Printed Name: \_\_\_\_\_

Daren J. Damboragian

Date: \_\_\_\_\_

04/04/11

**11D0048-01****125-CBS-102**

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.2	1.114001
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.220	0.2122803
Tetrachloro-m-xylene [2C]	0.234	0.2231012

**11D0048-02****125-CBS-104**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.26	0.2220672
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.213	0.2090308
Tetrachloro-m-xylene	0.210	0.2037479

**11D0048-03****125-CBS-105**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.17	0.1570287
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.201	0.1929769
Tetrachloro-m-xylene [2C]	0.224	0.2153639

**11D0048-04****125-CBS-114**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.70	0.6562926
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.196	0.1897075
Tetrachloro-m-xylene [2C]	0.218	0.2054255

**11D0048-05****125-CBS-122**

Analyte	Results	%RPD
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.231	0.2219481
Tetrachloro-m-xylene [2C]	0.236	0.2229173

**11D0048-06****125-CBS-123**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.27	0.2450981
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.220	0.2112783
Tetrachloro-m-xylene [2C]	0.227	0.2189579

**11D0048-07****125-CBS-133**

Analyte	Results	%RPD
Aroclor-1260 [2C]	2.1	1.998818
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.268	0.2622127
Tetrachloro-m-xylene [2C]	0.270	0.2428357

**11D0048-08****125-CBS-135**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.38	0.3244069
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.246	0.2359608
Tetrachloro-m-xylene [2C]	0.249	0.2372776

**11D0048-09****125-CBS-136**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.34	0.3026718
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.224	0.2137876
Tetrachloro-m-xylene [2C]	0.234	0.2212566

**11D0048-10**                  125-CBSQ-145

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	2.22	2.26077
Tetrachloro-m-xylene	2.19	2.24816

**11D0048-11**                  125-CBS-148

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.0	0.9368429
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.209	0.204486
Decachlorobiphenyl [2C]	0.214	0.2102761

**11D0048-12**                  125-CBS-150

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.72	0.660322
<u>Surrogates</u>		
Tetrachloro-m-xylene [2C]	0.216	0.204773
Decachlorobiphenyl [2C]	0.199	0.1910125

**11D0048-13**                  125-CBS-151

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.54	0.4978358
<u>Surrogates</u>		
Decachlorobiphenyl [2C]	0.212	0.2066533
Tetrachloro-m-xylene [2C]	0.215	0.2100689

**11D0048-14**                  125-CBS-160

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.3	1.171758
<u>Surrogates</u>		
Tetrachloro-m-xylene [2C]	0.223	0.2119132
Decachlorobiphenyl [2C]	0.210	0.2004839

**11D0048-15**                  125-CBS-162

Analyte	Results	%RPD
Aroclor-1260 [2C]	2.5	2.321958
<u>Surrogates</u>		
Tetrachloro-m-xylene [2C]	0.261	0.2325413
Decachlorobiphenyl [2C]	0.244	0.239758

**11D0048-16**                  125-CBS-163

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.92	0.8391348
<u>Surrogates</u>		
Decachlorobiphenyl [2C]	0.205	0.1985693
Tetrachloro-m-xylene [2C]	0.221	0.2085382

**11D0048-17**                  125-CBS-174

Analyte	Results	%RPD
Aroclor-1260 [2C]	6.3	6.116797

**11D0048-18**                  125-CBS-176

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.19	0.1890273
<u>Surrogates</u>		
Tetrachloro-m-xylene [2C]	0.229	0.2215301
Decachlorobiphenyl [2C]	0.216	0.2089363

**11D0048-19**                  125-CBS-177

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.33	0.3110907

**Surrogates**

Decachlorobiphenyl [2C]	0.222	0.2157922	2.84
Tetrachloro-m-xylene [2C]	0.232	0.2250261	3.05

**11D0048-20**

125-CBS-187

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.71	0.6430353
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.218	0.2071858
Tetrachloro-m-xylene [2C]	0.211	0.2022838

**11D0048-21**

125-CBS-190

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.28	0.2631378
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.222	0.2137714
Tetrachloro-m-xylene [2C]	0.214	0.2068938

**11D0048-22**

125-CBS-191

Analyte	Results	%RPD
Aroclor-1260	0.15	0.1426943
<b>Surrogates</b>		
Tetrachloro-m-xylene [2C]	0.253	0.2436975
Decachlorobiphenyl [2C]	0.208	0.2006981

**11D0048-23**

125-CBS-275

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.43	0.4248098
<b>Surrogates</b>		
Tetrachloro-m-xylene [2C]	0.246	0.2365109
Decachlorobiphenyl [2C]	0.216	0.2071467

**11D0048-24**

125-CBS-281

Analyte	Results	%RPD
Aroclor-1260 [2C]	4.7	4.569057
<b>Surrogates</b>		
Decachlorobiphenyl	0.281	0.2753607
Tetrachloro-m-xylene	0.292	0.2872142

**11D0048-25**

125-CBS-293

Analyte	Results	%RPD
Aroclor-1260	0.23	0.2311956
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.248	0.228752
Tetrachloro-m-xylene [2C]	0.249	0.2409816

**11D0048-26**

125-CBS-294

Analyte	Results	%RPD
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.266	0.1730365
Tetrachloro-m-xylene [2C]	0.198	0.1783935

**11D0048-27**

125-CBS-299

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.82	0.8038074
<b>Surrogates</b>		
Decachlorobiphenyl [2C]	0.229	0.2138785
Tetrachloro-m-xylene [2C]	0.274	0.2608424

**11D0048-28**

125-CBS-300

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.69	0.6570202
<b>Surrogates</b>		

Decachlorobiphenyl [2C]	0.186	0.1740965	6.61
Tetrachloro-m-xylene [2C]	0.238	0.2258754	5.23

**B028237-BLK1**      Blank

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	2.26	2.34592
Tetrachloro-m-xylene	1.83	1.87874

**B028237-BS1**      LCS

Analyte	Results	%RPD
Aroclor-1016	0.40	0.40823
Aroclor-1260	0.50	0.52441
<u>Surrogates</u>		
Tetrachloro-m-xylene	1.72	1.76697
Decachlorobiphenyl	2.12	2.15617

**B028237-BSD1**      LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.41	0.41343
Aroclor-1260	0.52	0.54568
<u>Surrogates</u>		
Tetrachloro-m-xylene	1.67	1.72049
Decachlorobiphenyl	2.15	2.20289

**B028288-BLK1**      Blank

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	0.231	0.239875
Tetrachloro-m-xylene	0.218	0.22908

**B028288-BS1**      LCS

Analyte	Results	%RPD
Aroclor-1260	0.23	0.251285
Aroclor-1016	0.21	0.21134
<u>Surrogates</u>		
Decachlorobiphenyl	0.242	0.251345
Tetrachloro-m-xylene	0.237	0.2494

**B028288-BSD1**      LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.18	0.186135
Aroclor-1260	0.20	0.22871
<u>Surrogates</u>		
Decachlorobiphenyl	0.217	0.22472
Tetrachloro-m-xylene	0.206	0.217015

**B028288-MS1**      Matrix Spike

Analyte	Results	%RPD
Aroclor-1260	0.40	0.4139313
Aroclor-1016	0.26	0.2650332
<u>Surrogates</u>		
Decachlorobiphenyl	0.210	0.2231949
Tetrachloro-m-xylene	0.248	0.259258

**B028288-MSD1**      Matrix Spike Dup

Analyte	Results	%RPD
Aroclor-1260	0.42	0.4381949
Aroclor-1016	0.27	0.2967054
<u>Surrogates</u>		
Decachlorobiphenyl	0.198	0.211567
Tetrachloro-m-xylene	0.258	0.2709745

**B028289-BLK1**

## Blank

Analyte	Results	%RPD
<b>Surrogates</b>		
Tetrachloro-m-xylene	0.189	0.203155
Decachlorobiphenyl	0.212	0.215245

**B028289-BS1**

## LCS

Analyte	Results	%RPD
Aroclor-1016	0.21	0.21674
Aroclor-1260	0.20	0.206945
<b>Surrogates</b>		
Tetrachloro-m-xylene	0.185	0.19752
Decachlorobiphenyl	0.201	0.20389

**B028289-BSD1**

## LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.19	0.19785
Aroclor-1260	0.19	0.189955
<b>Surrogates</b>		
Decachlorobiphenyl	0.181	0.18384
Tetrachloro-m-xylene	0.168	0.182125

**B028289-MS1**

## Matrix Spike

Analyte	Results	%RPD
Aroclor-1016	0.22	0.2625619
Aroclor-1260	1.1	1.189178
<b>Surrogates</b>		
Decachlorobiphenyl	0.175	0.1835755
Tetrachloro-m-xylene	0.212	0.2238908

**B028289-MSD1**

## Matrix Spike Dup

Analyte	Results	%RPD
Aroclor-1016	0.24	0.2707264
Aroclor-1260	1.3	1.400687
<b>Surrogates</b>		
Tetrachloro-m-xylene	0.216	0.2215878
Decachlorobiphenyl	0.198	0.2070833

April 8, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: 125 Western Ave. - Boston

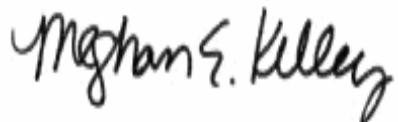
Client Job Number:

Project Number: 223947

Laboratory Work Order Number: 11D0133

Enclosed are results of analyses for samples received by the laboratory on April 5, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

REPORT DATE: 4/8/2011

Woodard & Curran - Andover MA  
 35 New England Business Center  
 Andover, MA 01810  
 ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11D0133

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave. - Boston

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-195	11D0133-01	Soil		SM 2540G SW-846 8082	
125-CBC-202	11D0133-02	Concrete		SM 2540G SW-846 8082	
125-CBC-203	11D0133-03	Concrete		SM 2540G SW-846 8082	
125-CBS-212	11D0133-04	Soil		SM 2540G SW-846 8082	
125-CBS-229	11D0133-05	Soil		SM 2540G SW-846 8082	
125-CBS-241	11D0133-06	Soil		SM 2540G SW-846 8082	
125-CBSD-242	11D0133-07	Soil		SM 2540G SW-846 8082	
125-CBS-255	11D0133-08	Soil		SM 2540G SW-846 8082	
125-CBC-322	11D0133-09	Concrete		SW-846 1311 SW-846 8082	
125-CBC-323	11D0133-10	Concrete		SW-846 1311 SW-846 8082	
125-CBS-217	11D0133-11	Soil		SM 2540G SW-846 8082	
125-CBS-228	11D0133-12	Soil		SM 2540G SW-846 8082	
125-CBS-324	11D0133-13	Soil		SM 2540G SW-846 8082	
125-CBS-325	11D0133-14	Soil		SM 2540G SW-846 8082	
125-CBS-326	11D0133-15	Soil		SM 2540G SW-846 8082	
125-CBS-327	11D0133-16	Soil		SM 2540G SW-846 8082	
125-CBS-328	11D0133-17	Soil		SM 2540G SW-846 8082	
125-CBS-329	11D0133-18	Soil		SM 2540G SW-846 8082	
125-CBS-330	11D0133-19	Soil		SM 2540G SW-846 8082	
125-CBS-331	11D0133-20	Soil		SM 2540G SW-846 8082	

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REPORT DATE: 4/8/2011

Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810  
ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11D0133

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave. - Boston

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-332	11D0133-21	Soil		SM 2540G SW-846 8082	
125-CBS-333	11D0133-22	Soil		SM 2540G SW-846 8082	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT - 04/08/2011 - Per attached email, sample matrix for -09 & -10 should be concrete.

**SW-846 8082**

**Qualifications:**

Matrix spike and spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

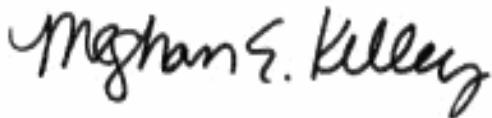
**Analyte & Samples(s) Qualified:**

**Aroclor-1016, Aroclor-1016 [2C]**

B028465-MS1, B028465-MSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley  
Project Chemist

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-195

Sampled: 3/28/2011 12:55

**Sample ID:** 11D0133-01

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Aroclor-1254 [1]	0.34	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Aroclor-1260 [1]	0.19	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:20	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		83.8	30-150					4/6/11 18:20	
Decachlorobiphenyl [2]		87.5	30-150					4/6/11 18:20	
Tetrachloro-m-xylene [1]		96.2	30-150					4/6/11 18:20	
Tetrachloro-m-xylene [2]		98.4	30-150					4/6/11 18:20	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-195

Sampled: 3/28/2011 12:55

**Sample ID:** 11D0133-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.2		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBC-202

Sampled: 3/28/2011 13:20

**Sample ID:** 11D0133-02

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Aroclor-1254 [2]	0.22	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Aroclor-1260 [2]	0.28	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:23	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		76.5	30-150					4/7/11 16:23	
Decachlorobiphenyl [2]		78.7	30-150					4/7/11 16:23	
Tetrachloro-m-xylene [1]		80.7	30-150					4/7/11 16:23	
Tetrachloro-m-xylene [2]		77.4	30-150					4/7/11 16:23	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBC-202

Sampled: 3/28/2011 13:20

**Sample ID:** 11D0133-02

Sample Matrix: Concrete

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.1		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBC-203

Sampled: 3/28/2011 13:40

**Sample ID:** 11D0133-03

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Aroclor-1260 [1]	0.12	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/5/11	4/7/11 16:38	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		92.4	30-150					4/7/11 16:38	
Decachlorobiphenyl [2]		95.2	30-150					4/7/11 16:38	
Tetrachloro-m-xylene [1]		92.5	30-150					4/7/11 16:38	
Tetrachloro-m-xylene [2]		91.8	30-150					4/7/11 16:38	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBC-203

Sampled: 3/28/2011 13:40

**Sample ID:** 11D0133-03

Sample Matrix: Concrete

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	98.2		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-212

Sampled: 3/28/2011 14:00

**Sample ID:** 11D0133-04

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Aroclor-1254 [1]	0.44	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Aroclor-1260 [2]	0.29	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:34	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		87.3	30-150					4/6/11 18:34	
Decachlorobiphenyl [2]		93.9	30-150					4/6/11 18:34	
Tetrachloro-m-xylene [1]		94.8	30-150					4/6/11 18:34	
Tetrachloro-m-xylene [2]		97.8	30-150					4/6/11 18:34	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-212

Sampled: 3/28/2011 14:00

**Sample ID:** 11D0133-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.3		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-229

Sampled: 3/28/2011 13:30

**Sample ID:** 11D0133-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Aroclor-1221 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Aroclor-1232 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Aroclor-1242 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Aroclor-1248 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Aroclor-1254 [1]	0.36	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Aroclor-1260 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Aroclor-1262 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Aroclor-1268 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 18:47	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		82.5	30-150					4/6/11 18:47	
Decachlorobiphenyl [2]		86.1	30-150					4/6/11 18:47	
Tetrachloro-m-xylene [1]		83.8	30-150					4/6/11 18:47	
Tetrachloro-m-xylene [2]		86.1	30-150					4/6/11 18:47	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-229

Sampled: 3/28/2011 13:30

**Sample ID:** 11D0133-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.2		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-241

Sampled: 3/28/2011 14:09

**Sample ID:** 11D0133-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Aroclor-1254 [1]	0.56	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:01	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		79.4	30-150					4/6/11 19:01	
Decachlorobiphenyl [2]		83.8	30-150					4/6/11 19:01	
Tetrachloro-m-xylene [1]		92.9	30-150					4/6/11 19:01	
Tetrachloro-m-xylene [2]		94.0	30-150					4/6/11 19:01	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-241

Sampled: 3/28/2011 14:09

**Sample ID:** 11D0133-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.8		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBSD-242

Sampled: 3/28/2011 14:09

**Sample ID:** 11D0133-07

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Aroclor-1254 [1]	0.62	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:14	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		84.3	30-150					4/6/11 19:14	
Decachlorobiphenyl [2]		87.5	30-150					4/6/11 19:14	
Tetrachloro-m-xylene [1]		97.7	30-150					4/6/11 19:14	
Tetrachloro-m-xylene [2]		98.7	30-150					4/6/11 19:14	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBSD-242

Sampled: 3/28/2011 14:09

**Sample ID:** 11D0133-07

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.2		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-255

Sampled: 3/28/2011 14:21

**Sample ID:** 11D0133-08

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Aroclor-1254 [1]	0.59	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:28	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		89.6	30-150					4/6/11 19:28	
Decachlorobiphenyl [2]		94.4	30-150					4/6/11 19:28	
Tetrachloro-m-xylene [1]		99.4	30-150					4/6/11 19:28	
Tetrachloro-m-xylene [2]		102	30-150					4/6/11 19:28	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-255

Sampled: 3/28/2011 14:21

**Sample ID:** 11D0133-08

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.0		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBC-322

Sampled: 3/30/2011 14:30

**Sample ID:** 11D0133-09

Sample Matrix: Concrete

**TCLP - Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Aroclor-1221 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Aroclor-1232 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Aroclor-1242 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Aroclor-1248 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Aroclor-1254 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Aroclor-1260 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Aroclor-1262 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Aroclor-1268 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 13:49	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		85.6	30-150					4/7/11 13:49	
Decachlorobiphenyl [2]		86.8	30-150					4/7/11 13:49	
Tetrachloro-m-xylene [1]		79.3	30-150					4/7/11 13:49	
Tetrachloro-m-xylene [2]		81.4	30-150					4/7/11 13:49	

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBC-323

Sampled: 3/30/2011 14:40

**Sample ID:** 11D0133-10

Sample Matrix: Concrete

**TCLP - Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Aroclor-1221 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Aroclor-1232 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Aroclor-1242 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Aroclor-1248 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Aroclor-1254 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Aroclor-1260 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Aroclor-1262 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Aroclor-1268 [1]	ND	1.0	µg/L	1		SW-846 8082	4/7/11	4/7/11 14:03	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		93.2	30-150					4/7/11 14:03	
Decachlorobiphenyl [2]		94.0	30-150					4/7/11 14:03	
Tetrachloro-m-xylene [1]		86.5	30-150					4/7/11 14:03	
Tetrachloro-m-xylene [2]		89.0	30-150					4/7/11 14:03	

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-217

Sampled: 3/28/2011 14:44

**Sample ID:** 11D0133-11

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Aroclor-1254 [1]	0.69	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:42	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		94.0	30-150					4/6/11 19:42	
Decachlorobiphenyl [2]		99.7	30-150					4/6/11 19:42	
Tetrachloro-m-xylene [1]		97.6	30-150					4/6/11 19:42	
Tetrachloro-m-xylene [2]		98.2	30-150					4/6/11 19:42	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-217

Sampled: 3/28/2011 14:44

**Sample ID:** 11D0133-11

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-228

Sampled: 3/28/2011 13:30

**Sample ID:** 11D0133-12

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Aroclor-1254 [1]	0.31	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 19:55	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		88.7	30-150					4/6/11 19:55	
Decachlorobiphenyl [2]		94.1	30-150					4/6/11 19:55	
Tetrachloro-m-xylene [1]		91.9	30-150					4/6/11 19:55	
Tetrachloro-m-xylene [2]		93.2	30-150					4/6/11 19:55	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

Sampled: 3/28/2011 13:30

**Field Sample #:** 125-CBS-228

**Sample ID:** 11D0133-12

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-324

Sampled: 4/5/2011 09:30

**Sample ID:** 11D0133-13

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Aroclor-1260 [2]	0.21	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 20:50	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	86.0	30-150						4/6/11 20:50	
Decachlorobiphenyl [2]	88.0	30-150						4/6/11 20:50	
Tetrachloro-m-xylene [1]	96.2	30-150						4/6/11 20:50	
Tetrachloro-m-xylene [2]	99.0	30-150						4/6/11 20:50	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-324

Sampled: 4/5/2011 09:30

**Sample ID:** 11D0133-13

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.8		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-325

Sampled: 4/5/2011 09:35

**Sample ID:** 11D0133-14

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Aroclor-1260 [2]	0.19	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:03	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		83.7	30-150					4/6/11 21:03	
Decachlorobiphenyl [2]		88.0	30-150					4/6/11 21:03	
Tetrachloro-m-xylene [1]		89.5	30-150					4/6/11 21:03	
Tetrachloro-m-xylene [2]		92.7	30-150					4/6/11 21:03	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-325

Sampled: 4/5/2011 09:35

**Sample ID:** 11D0133-14

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-326

Sampled: 4/5/2011 09:40

**Sample ID:** 11D0133-15

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:17	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		91.7	30-150					4/6/11 21:17	
Decachlorobiphenyl [2]		93.5	30-150					4/6/11 21:17	
Tetrachloro-m-xylene [1]		109	30-150					4/6/11 21:17	
Tetrachloro-m-xylene [2]		115	30-150					4/6/11 21:17	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-326

Sampled: 4/5/2011 09:40

**Sample ID:** 11D0133-15

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-327

Sampled: 4/5/2011 09:45

**Sample ID:** 11D0133-16

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Aroclor-1260 [1]	0.51	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:30	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		87.4	30-150					4/6/11 21:30	
Decachlorobiphenyl [2]		88.9	30-150					4/6/11 21:30	
Tetrachloro-m-xylene [1]		90.2	30-150					4/6/11 21:30	
Tetrachloro-m-xylene [2]		94.5	30-150					4/6/11 21:30	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-327

Sampled: 4/5/2011 09:45

**Sample ID:** 11D0133-16

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-328

Sampled: 4/5/2011 09:50

**Sample ID:** 11D0133-17

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:44	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		90.1	30-150					4/6/11 21:44	
Decachlorobiphenyl [2]		92.5	30-150					4/6/11 21:44	
Tetrachloro-m-xylene [1]		106	30-150					4/6/11 21:44	
Tetrachloro-m-xylene [2]		113	30-150					4/6/11 21:44	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-328

Sampled: 4/5/2011 09:50

**Sample ID:** 11D0133-17

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.2		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-329

Sampled: 4/5/2011 09:55

**Sample ID:** 11D0133-18

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Aroclor-1260 [2]	0.32	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 21:58	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		90.1	30-150					4/6/11 21:58	
Decachlorobiphenyl [2]		93.3	30-150					4/6/11 21:58	
Tetrachloro-m-xylene [1]		97.3	30-150					4/6/11 21:58	
Tetrachloro-m-xylene [2]		103	30-150					4/6/11 21:58	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-329

Sampled: 4/5/2011 09:55

**Sample ID:** 11D0133-18

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.8		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-330

Sampled: 4/5/2011 10:00

**Sample ID:** 11D0133-19

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:11	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	94.0	30-150						4/6/11 22:11	
Decachlorobiphenyl [2]	96.5	30-150						4/6/11 22:11	
Tetrachloro-m-xylene [1]	101	30-150						4/6/11 22:11	
Tetrachloro-m-xylene [2]	103	30-150						4/6/11 22:11	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-330

Sampled: 4/5/2011 10:00

**Sample ID:** 11D0133-19

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-331

Sampled: 4/5/2011 10:05

**Sample ID:** 11D0133-20

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:25	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		93.7	30-150					4/6/11 22:25	
Decachlorobiphenyl [2]		96.0	30-150					4/6/11 22:25	
Tetrachloro-m-xylene [1]		107	30-150					4/6/11 22:25	
Tetrachloro-m-xylene [2]		112	30-150					4/6/11 22:25	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-331

Sampled: 4/5/2011 10:05

**Sample ID:** 11D0133-20

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.8		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-332

Sampled: 4/5/2011 10:10

**Sample ID:** 11D0133-21

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Aroclor-1260 [2]	0.25	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:38	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	95.0	30-150						4/6/11 22:38	
Decachlorobiphenyl [2]	101	30-150						4/6/11 22:38	
Tetrachloro-m-xylene [1]	101	30-150						4/6/11 22:38	
Tetrachloro-m-xylene [2]	106	30-150						4/6/11 22:38	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-332

Sampled: 4/5/2011 10:10

**Sample ID:** 11D0133-21

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.5		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-333

Sampled: 4/5/2011 10:15

**Sample ID:** 11D0133-22

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/5/11	4/6/11 22:52	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	87.4		30-150					4/6/11 22:52	
Decachlorobiphenyl [2]	89.8		30-150					4/6/11 22:52	
Tetrachloro-m-xylene [1]	103		30-150					4/6/11 22:52	
Tetrachloro-m-xylene [2]	109		30-150					4/6/11 22:52	

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Project Location: 125 Western Ave. - Boston

Sample Description:

Work Order: 11D0133

Date Received: 4/5/2011

**Field Sample #:** 125-CBS-333

Sampled: 4/5/2011 10:15

**Sample ID:** 11D0133-22

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	4/6/11	4/7/11 12:58	VAF

**Sample Extraction Data**
**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
11D0133-01 [125-CBS-195]	B028488	04/06/11
11D0133-02 [125-CBC-202]	B028488	04/06/11
11D0133-03 [125-CBC-203]	B028488	04/06/11
11D0133-04 [125-CBS-212]	B028488	04/06/11
11D0133-05 [125-CBS-229]	B028488	04/06/11
11D0133-06 [125-CBS-241]	B028488	04/06/11
11D0133-07 [125-CBSD-242]	B028488	04/06/11
11D0133-08 [125-CBS-255]	B028488	04/06/11
11D0133-11 [125-CBS-217]	B028488	04/06/11
11D0133-12 [125-CBS-228]	B028488	04/06/11
11D0133-13 [125-CBS-324]	B028488	04/06/11
11D0133-14 [125-CBS-325]	B028488	04/06/11
11D0133-15 [125-CBS-326]	B028488	04/06/11
11D0133-16 [125-CBS-327]	B028488	04/06/11
11D0133-17 [125-CBS-328]	B028488	04/06/11
11D0133-18 [125-CBS-329]	B028488	04/06/11
11D0133-19 [125-CBS-330]	B028488	04/06/11
11D0133-20 [125-CBS-331]	B028488	04/06/11
11D0133-21 [125-CBS-332]	B028488	04/06/11
11D0133-22 [125-CBS-333]	B028488	04/06/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0133-02 [125-CBC-202]	B028464	2.20	10.0	04/05/11
11D0133-03 [125-CBC-203]	B028464	2.00	10.0	04/05/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0133-01 [125-CBS-195]	B028465	10.1	50.0	04/05/11
11D0133-04 [125-CBS-212]	B028465	10.0	50.0	04/05/11
11D0133-05 [125-CBS-229]	B028465	10.1	50.0	04/05/11
11D0133-06 [125-CBS-241]	B028465	10.2	50.0	04/05/11
11D0133-07 [125-CBSD-242]	B028465	10.0	50.0	04/05/11
11D0133-08 [125-CBS-255]	B028465	10.0	50.0	04/05/11
11D0133-11 [125-CBS-217]	B028465	10.1	50.0	04/05/11
11D0133-12 [125-CBS-228]	B028465	10.2	50.0	04/05/11
11D0133-13 [125-CBS-324]	B028465	10.0	50.0	04/05/11
11D0133-14 [125-CBS-325]	B028465	10.0	50.0	04/05/11
11D0133-15 [125-CBS-326]	B028465	10.1	50.0	04/05/11
11D0133-16 [125-CBS-327]	B028465	10.2	50.0	04/05/11
11D0133-17 [125-CBS-328]	B028465	10.0	50.0	04/05/11
11D0133-18 [125-CBS-329]	B028465	10.0	50.0	04/05/11
11D0133-19 [125-CBS-330]	B028465	10.1	50.0	04/05/11
11D0133-20 [125-CBS-331]	B028465	10.2	50.0	04/05/11
11D0133-21 [125-CBS-332]	B028465	10.1	50.0	04/05/11
11D0133-22 [125-CBS-333]	B028465	10.2	50.0	04/05/11

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### Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8082

Leachates were extracted on 4/6/2011 per SW-846 1311 in Batch B028540

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11D0133-09 [125-CBC-322]	B028573	200	10.0	04/07/11
11D0133-10 [125-CBC-323]	B028573	200	10.0	04/07/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028464 - SW-846 3540C**

<b>Blank (B028464-BLK1)</b>					Prepared: 04/05/11 Analyzed: 04/07/11					
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	0.880	mg/Kg	1.00		88.0	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.908	mg/Kg	1.00		90.8	30-150				
Surrogate: Tetrachloro-m-xylene	0.833	mg/Kg	1.00		83.3	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.831	mg/Kg	1.00		83.1	30-150				

<b>LCS (B028464-BS1)</b>					Prepared: 04/05/11 Analyzed: 04/07/11					
Aroclor-1016	0.23	0.10	mg/Kg	0.250	90.5	40-140				
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250	98.2	40-140				
Aroclor-1260	0.22	0.10	mg/Kg	0.250	88.3	40-140				
Aroclor-1260 [2C]	0.23	0.10	mg/Kg	0.250	92.3	40-140				
Surrogate: Decachlorobiphenyl	0.866	mg/Kg	1.00		86.6	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.890	mg/Kg	1.00		89.0	30-150				
Surrogate: Tetrachloro-m-xylene	0.856	mg/Kg	1.00		85.6	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.870	mg/Kg	1.00		87.0	30-150				

<b>LCS Dup (B028464-BSD1)</b>					Prepared: 04/05/11 Analyzed: 04/07/11					
Aroclor-1016	0.23	0.10	mg/Kg	0.250	93.5	40-140	3.23	30		
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250	104	40-140	5.72	30		
Aroclor-1260	0.23	0.10	mg/Kg	0.250	92.3	40-140	4.43	30		
Aroclor-1260 [2C]	0.24	0.10	mg/Kg	0.250	97.6	40-140	5.55	30		
Surrogate: Decachlorobiphenyl	0.903	mg/Kg	1.00		90.3	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.927	mg/Kg	1.00		92.7	30-150				
Surrogate: Tetrachloro-m-xylene	0.886	mg/Kg	1.00		88.6	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.896	mg/Kg	1.00		89.6	30-150				

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028465 - SW-846 3540C**
**Blank (B028465-BLK1)**

Prepared: 04/05/11 Analyzed: 04/06/11

Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.219		mg/Kg wet	0.200		110		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.222		mg/Kg wet	0.200		111		30-150		
Surrogate: Tetrachloro-m-xylene	0.219		mg/Kg wet	0.200		109		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.231		mg/Kg wet	0.200		116		30-150		

**LCS (B028465-BS1)**

Prepared: 04/05/11 Analyzed: 04/06/11

Aroclor-1016	0.19	0.10	mg/Kg wet	0.200	96.4	40-140				
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200	94.7	40-140				
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200	111	40-140				
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200	117	40-140				
Surrogate: Decachlorobiphenyl	0.223		mg/Kg wet	0.200	112	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.228		mg/Kg wet	0.200	114	30-150				
Surrogate: Tetrachloro-m-xylene	0.212		mg/Kg wet	0.200	106	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.224		mg/Kg wet	0.200	112	30-150				

**LCS Dup (B028465-BSD1)**

Prepared: 04/05/11 Analyzed: 04/06/11

Aroclor-1016	0.19	0.10	mg/Kg wet	0.200	96.3	40-140	0.125	30		
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200	94.1	40-140	0.609	30		
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200	110	40-140	0.894	30		
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200	116	40-140	0.826	30		
Surrogate: Decachlorobiphenyl	0.221		mg/Kg wet	0.200	111	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.226		mg/Kg wet	0.200	113	30-150				
Surrogate: Tetrachloro-m-xylene	0.219		mg/Kg wet	0.200	109	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.232		mg/Kg wet	0.200	116	30-150				

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028465 - SW-846 3540C**

<b>Matrix Spike (B028465-MS1)</b>	<b>Source: 11D0133-01</b>			Prepared: 04/05/11 Analyzed: 04/06/11					
Aroclor-1016	0.36	0.13	mg/Kg dry	0.256	0.0	140	40-140		MS-21
<b>Aroclor-1016 [2C]</b>	0.45	0.13	mg/Kg dry	0.256	0.0	<b>174</b> *	40-140		MS-21
Aroclor-1260	0.48	0.13	mg/Kg dry	0.256	0.19	112	40-140		
Aroclor-1260 [2C]	0.50	0.13	mg/Kg dry	0.256	0.19	122	40-140		
Surrogate: Decachlorobiphenyl	0.247		mg/Kg dry	0.256		96.6	30-150		
Surrogate: Decachlorobiphenyl [2C]	0.254		mg/Kg dry	0.256		99.3	30-150		
Surrogate: Tetrachloro-m-xylene	0.272		mg/Kg dry	0.256		106	30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.287		mg/Kg dry	0.256		112	30-150		
<b>Matrix Spike Dup (B028465-MSD1)</b>	<b>Source: 11D0133-01</b>			Prepared: 04/05/11 Analyzed: 04/06/11					
Aroclor-1016	0.33	0.13	mg/Kg dry	0.256	0.0	130	40-140	7.76	50
<b>Aroclor-1016 [2C]</b>	0.45	0.13	mg/Kg dry	0.256	0.0	<b>176</b> *	40-140	1.02	50
Aroclor-1260	0.44	0.13	mg/Kg dry	0.256	0.19	95.2	40-140	9.34	50
Aroclor-1260 [2C]	0.46	0.13	mg/Kg dry	0.256	0.19	107	40-140	7.56	50
Surrogate: Decachlorobiphenyl	0.198		mg/Kg dry	0.256		77.4	30-150		
Surrogate: Decachlorobiphenyl [2C]	0.204		mg/Kg dry	0.256		79.6	30-150		
Surrogate: Tetrachloro-m-xylene	0.243		mg/Kg dry	0.256		94.8	30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.259		mg/Kg dry	0.256		101	30-150		

**QUALITY CONTROL**
**TCLP - Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028573 - SW-846 3510C**

<b>Blank (B028573-BLK1)</b>					Prepared & Analyzed: 04/07/11					
Aroclor-1016	ND	1.0	µg/L							
Aroclor-1016 [2C]	ND	1.0	µg/L							
Aroclor-1221	ND	1.0	µg/L							
Aroclor-1221 [2C]	ND	1.0	µg/L							
Aroclor-1232	ND	1.0	µg/L							
Aroclor-1232 [2C]	ND	1.0	µg/L							
Aroclor-1242	ND	1.0	µg/L							
Aroclor-1242 [2C]	ND	1.0	µg/L							
Aroclor-1248	ND	1.0	µg/L							
Aroclor-1248 [2C]	ND	1.0	µg/L							
Aroclor-1254	ND	1.0	µg/L							
Aroclor-1254 [2C]	ND	1.0	µg/L							
Aroclor-1260	ND	1.0	µg/L							
Aroclor-1260 [2C]	ND	1.0	µg/L							
Aroclor-1262	ND	1.0	µg/L							
Aroclor-1262 [2C]	ND	1.0	µg/L							
Aroclor-1268	ND	1.0	µg/L							
Aroclor-1268 [2C]	ND	1.0	µg/L							
Surrogate: Decachlorobiphenyl	8.13		µg/L	10.0		81.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	8.26		µg/L	10.0		82.6	30-150			
Surrogate: Tetrachloro-m-xylene	8.89		µg/L	10.0		88.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	9.10		µg/L	10.0		91.0	30-150			

<b>LCS (B028573-BS1)</b>					Prepared & Analyzed: 04/07/11					
Aroclor-1016	2.0	1.0	µg/L	2.50		80.7	40-140			
Aroclor-1016 [2C]	2.0	1.0	µg/L	2.50		80.4	40-140			
Aroclor-1260	2.2	1.0	µg/L	2.50		88.7	40-140			
Aroclor-1260 [2C]	2.4	1.0	µg/L	2.50		94.5	40-140			
Surrogate: Decachlorobiphenyl	7.80		µg/L	10.0		78.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	7.92		µg/L	10.0		79.2	30-150			
Surrogate: Tetrachloro-m-xylene	7.85		µg/L	10.0		78.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	8.08		µg/L	10.0		80.8	30-150			

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

MS-21 Matrix spike and spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

**CERTIFICATIONS**
**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>SW-846 8082 in Product/Solid</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Soil</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Water</i></b>	
Aroclor-1016	CT,NY
Aroclor-1016 [2C]	CT,NY
Aroclor-1221	CT,NY
Aroclor-1221 [2C]	CT,NY
Aroclor-1232	CT,NY
Aroclor-1232 [2C]	CT,NY
Aroclor-1242	CT,NY
Aroclor-1242 [2C]	CT,NY
Aroclor-1248	CT,NY
Aroclor-1248 [2C]	CT,NY
Aroclor-1254	CT,NY
Aroclor-1254 [2C]	CT,NY
Aroclor-1260	CT,NY
Aroclor-1260 [2C]	CT,NY

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012

## CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 1 of 3

Company Name: WOODARD & CORRAN  
Address: 35 NEW ENGLAND BUS. CTZ

Telephone: 860-702-6371

Project #: 223947

Attention: AMY WALLACE

Project Location: 125 WESTERN

Sampled By: GEORGE FARNER / AMY WALLACE

Project Proposal Provided? (for billing purposes)  
 Yes \_\_\_\_\_ proposal date

## ANALYSIS REQUESTED

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE

Email: jwallace@woodardcorran.com

Format:  PDF  EXCEL  GIS OTHER

"Enhanced Data Package"  
 Beginning Date/Time Composite Grab Date/Time \*Matrix Date/Code

PCBs (3540C/80#2)  
 TCEP PCBs

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

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S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

S L  U  L  V

Comments: PCBs via NELAC Grade C Surrogate Extractor (3540C)

R.L. ≤ 1.0 mg/kg

Please use the following codes to let Con Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H = High; M = Medium; L = Low; C = Clean; U = Unknown

Relinquished by: (signature) Date/Time: 4/5/11 12:05 Turnaround: 7-Day

Received by: (signature) Date/Time: 4/5/11 12:05 Turnaround: 10-Day

Relinquished by: (signature) Date/Time: 4/6/11 14:35 Turnaround: Other

Received by: (signature) Date/Time: 4/6/11 14:35 Turnaround: RUSH

Received by: (signature) Date/Time: 4/6/11 14:35 Turnaround: 24-Hr  48-Hr

Require lab approval Other: ≤ 1.0 mg/kg

MCP Analytical Certification Form Required  
 RCP Analysis Certification Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

SL = sludge  
 O = other

Is your project MCP or RCP?

AIHA Certified  
NELAC Certified  
WB/E/DBE Certified

COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.  
PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

# CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 2 of 3



**ANALYTICAL LABORATORY**

www.contestlabs.com

11 D0133

Company Name: Woodard & Curran  
Address: 15 New England Bus. Ctr.  
City: ANDOVER, MA  
State: MA  
Zip: 01845

Telephone: 866-702-6371  
Project #: 2023947

Attention: Amy Wallace  
Project Location: 125 Western Ave, Boston  
Sampled By: Kevin Delaney

Project Proposal Provided? (for billing purposes)  
 Yes \_\_\_\_\_  
 No \_\_\_\_\_ proposal date \_\_\_\_\_

**Client PO#**  
 DATA DELIVERY (check all that apply)  
 FAX    EMAIL    WEBSITE  
 Fax #    Email:  
 Format:    "Enhanced Data Package"  
 QDF    EXCEL    ODS  
 OTHER

**\*\*Cont. Code:**  
 Dissolved    Field Filtered  
 Cont. Code:    Lab to Filter  
 A=Amber glass  
 G=glass  
 P=plastic  
 S=sterile  
 V=vial  
 S=summary can  
 T=tetra bag  
 O=Other

**ANALYSIS REQUESTED**  
 PCBs (3540C / 8082)

Collection	Beginning Date/Time	Ending Date/Time	Composite	Grab Date	*Matrix
					PCBs
					Raw Date

**\*\*Preservation**  
 I=Ice  
 H=HCl  
 M=Methanol  
 N=Nitric Acid  
 S=Sulfuric Acid  
 B=Sodium bisulfite  
 X=Na hydroxide  
 T=Na thiosulfate  
 O=Other

**Comments:**  
PCBs by Soxhlet extraction / EPA 8080 analysis  
R.L. ≤ 1.0 mg/kg

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Cont. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown  
 Relinquished by: (signature) K. McR. Date/Time: 4/15/11 14:35 Turnaround:  7-Day  
 Received by: (signature) Paul Jansen Date/Time: 4/15/11 14:35  10-Day  
 Relinquished by: (signature) Paul Jansen Date/Time: 4/15/11 14:35 Other \_\_\_\_\_

**MCP or RCP?**  
 MCP Analytical Certification Form Required  
 RCP Analysis Certification Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

Received by: (signature) Paul Jansen Date/Time: 4/15/11 14:35 Turnaround:  24-Hr  48-Hr  
 72-Hr  4-Day  
 Requirement:  Require lab approval  Other \_\_\_\_\_

**ACREDITED IN ACCORDANCE WITH THE NELAC AND AIHA STANDARDS**  
**NELAC & AIHA Certified**  
**WBDDE Certified**

COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.  
 PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Page 57 of 65

# CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 3

Company Name:	WOODARD + CURRAN	Telephone:	866-701-6371
Address:	22 NEW ENGLAND BLS, CTI <sup>®</sup>	Project #	223947
Attention:	AMY WALLACE	Client PO#	
Project Location:	125 WESSEX	DATA DELIVERY (check all that apply)	
Sampled By:	KEVIN DELANEY	<input type="checkbox"/> FAX	<input checked="" type="checkbox"/> EMAIL
Project Proposal Provided? (for billing purposes) O yes _____ O no _____	proposal date	<input type="checkbox"/> WEBSITE	

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab Date	Matrix	Doc. Date	PCB#	Analysis Requested
3	125 - CBS - 324	4/5/11	0930	✓	5	L	X	(3540C / 8082)	
14	125 - CBS - 325			0935					
15	125 - CBS - 326			0940					
16	125 - CBS - 327			0945					
17	125 - CBS - 328			0950					
18	125 - CBS - 329			0955					
19	125 - CBS - 330			1000					
20	125 - CBS - 331			1005					
21	125 - CBS - 332			1010					
22	125 - CBS - 333			1015					

Comments: PCBs via USEPA 8082 w/ Soxhlet extraction (3540C)

R.L.  $\leq$  1.0 mg/kg

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

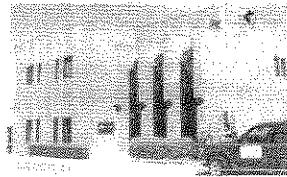
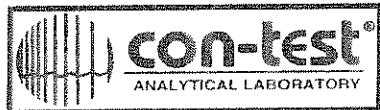
Relinquished by: (signature)	Date/Time:	Turnaround <sup>††</sup>	Detection Limit Requirements	Is your project MCP or RCP?
K - M.	4/5/11 1435	<input type="checkbox"/> 7-Day	Massachusetts: _____	<input checked="" type="checkbox"/> MCP Analytical Certification Form Required
Received by: (signature)	Date/Time:	<input type="checkbox"/> 10-Day	O RCP Analysis Certification Form Required	<input type="checkbox"/> MA State DW Form Required PWSID # _____
B. J. DeSantis	4/5/11 1435	<input type="checkbox"/> Other _____		
Relinquished by: (signature)	Date/Time:	RUSH <sup>†</sup>	Connecticut: _____	
J. J. DeSantis	4/5/11 1435	<input type="checkbox"/> 124-Hr <input checked="" type="checkbox"/> 48-Hr		
Received by: (signature)	Date/Time:	<input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day		
J. J. DeSantis	4/5/11 1435	<input type="checkbox"/> Other _____		
† Require lab approval				

TURNAROUND TIME (business days) STARTS AT 9:00 AM. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



## Sample Receipt Checklist

CLIENT NAME: Woodaro & Curran RECEIVED BY: SD DATE: 4/5/11

1) Was the chain(s) of custody relinquished and signed?  Yes  No

2) Does the chain agree with the samples?

If not, explain:

3) Are all the samples in good condition?

If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes  No  N/A

Temperature °C by Temp blank: \_\_\_\_\_ Temperature °C by Temp gun: 4.4°

5) Are there Dissolved samples for the lab to filter?

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Yes  No

6) Are there any samples "On Hold"?

Yes  No Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples?

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Yes  No

8) Location where samples are stored:

19

Permission to subcontract samples? Yes  No

(Walk-in clients only) if not already approved

Client Signature: \_\_\_\_\_

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	<u>10</u>
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	<u>10</u>	2 oz amber/clear jar	<u>2</u>
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_ Time and Date Frozen:

# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_

# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Do all samples have the proper Acid pH: Yes  No N/A

Do all samples have the proper Base pH: Yes  No N/A

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11D0133
Project Location:	125 Western Ave. - Boston	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11D0133-01 thru 11D0133-22

Matrices: Product/Solid      Soil

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
----------	---	--

**Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature:		Position:	Laboratory Manager
Printed Name:	Daren J. Damboragian	Date:	04/07/11

**11D0133-01**      125-CBS-195

Analyte	Results	%RPD
Aroclor-1260	0.19	0.1872958
Aroclor-1254	0.34	0.2714986
<u>Surrogates</u>		
Decachlorobiphenyl	0.212	0.2216264
Tetrachloro-m-xylene	0.244	0.249272

**11D0133-02**      125-CBC-202

Analyte	Results	%RPD
Aroclor-1254 [2C]	0.22	0.1507727
Aroclor-1260 [2C]	0.28	0.2679682
<u>Surrogates</u>		
Decachlorobiphenyl	0.695	0.7158363
Tetrachloro-m-xylene	0.733	0.7034545

**11D0133-03**      125-CBC-203

Analyte	Results	%RPD
Aroclor-1260	0.12	0.11783
<u>Surrogates</u>		
Decachlorobiphenyl	0.924	0.952205
Tetrachloro-m-xylene	0.925	0.918105

**11D0133-04**      125-CBS-212

Analyte	Results	%RPD
Aroclor-1254	0.44	0.3489785
Aroclor-1260 [2C]	0.29	0.2706935
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.239	0.2466456
Decachlorobiphenyl	0.220	0.2367717

**11D0133-05**      125-CBS-229

Analyte	Results	%RPD
Aroclor-1254	0.36	0.2984379
<u>Surrogates</u>		
Decachlorobiphenyl	0.239	0.2500653
Tetrachloro-m-xylene	0.243	0.25

**11D0133-06**      125-CBS-241

Analyte	Results	%RPD
Aroclor-1254	0.56	0.4873047
<u>Surrogates</u>		
Decachlorobiphenyl	0.203	0.2139502
Tetrachloro-m-xylene	0.237	0.2400237

**11D0133-07**      125-CBSD-242

Analyte	Results	%RPD
Aroclor-1254	0.62	0.5364962
<u>Surrogates</u>		
Decachlorobiphenyl	0.216	0.2237468
Tetrachloro-m-xylene	0.250	0.2523785

**11D0133-08**      125-CBS-255

Analyte	Results	%RPD
Aroclor-1254	0.59	0.5222208
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.258	0.2641753
Decachlorobiphenyl	0.233	0.2451559

**11D0133-09**      125-CBC-322

Analyte	Results	%RPD
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**Surrogates**

Decachlorobiphenyl	8.56	8.6766	1.35
Tetrachloro-m-xylene	7.93	8.1369	2.58

**11D0133-10**

125-CBC-323

Analyte	Results	%RPD
<b>Surrogates</b>		
Decachlorobiphenyl	9.32	9.4014
Tetrachloro-m-xylene	8.65	8.9041

**11D0133-11**

125-CBS-217

Analyte	Results	%RPD
Aroclor-1254	0.69	0.5159053
<b>Surrogates</b>		
Decachlorobiphenyl	0.214	0.2271417
Tetrachloro-m-xylene	0.222	0.2237749

**11D0133-12**

125-CBS-228

Analyte	Results	%RPD
Aroclor-1254	0.31	0.3098682
<b>Surrogates</b>		
Decachlorobiphenyl	0.204	0.2160422
Tetrachloro-m-xylene	0.211	0.2140733

**11D0133-13**

125-CBS-324

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.21	0.178691
<b>Surrogates</b>		
Decachlorobiphenyl	0.203	0.2074528
Tetrachloro-m-xylene	0.227	0.2333785

**11D0133-14**

125-CBS-325

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.19	0.1595233
<b>Surrogates</b>		
Decachlorobiphenyl	0.195	0.2047674
Tetrachloro-m-xylene	0.208	0.2154709

**11D0133-15**

125-CBS-326

Analyte	Results	%RPD
<b>Surrogates</b>		
Decachlorobiphenyl	0.202	0.2059659
Tetrachloro-m-xylene	0.240	0.2524477

**11D0133-16**

125-CBS-327

Analyte	Results	%RPD
Aroclor-1260	0.51	0.4522587
<b>Surrogates</b>		
Decachlorobiphenyl	0.200	0.2028293
Tetrachloro-m-xylene	0.206	0.2157433

**11D0133-17**

125-CBS-328

Analyte	Results	%RPD
<b>Surrogates</b>		
Tetrachloro-m-xylene	0.253	0.2681354
Decachlorobiphenyl	0.214	0.219614

**11D0133-18**

125-CBS-329

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.32	0.2963515
<b>Surrogates</b>		
Decachlorobiphenyl	0.229	0.2367068
Tetrachloro-m-xylene	0.247	0.2608376

11D0133-19 125-CBS-330			
Analyte	Results	%RPD	
<u>Surrogates</u>			
Decachlorobiphenyl	0.212	0.2173825	2.51
Tetrachloro-m-xylene	0.227	0.231147	1.81

11D0133-20 125-CBS-331			
Analyte	Results	%RPD	
<u>Surrogates</u>			
Decachlorobiphenyl	0.242	0.2484221	2.62
Tetrachloro-m-xylene	0.276	0.2897524	4.86

11D0133-21 125-CBS-332			
Analyte	Results	%RPD	
Aroclor-1260 [2C]	0.25	0.226145	10
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.257	0.2697349	4.84
Decachlorobiphenyl	0.243	0.2572596	5.7

11D0133-22 125-CBS-333			
Analyte	Results	%RPD	
<u>Surrogates</u>			
Decachlorobiphenyl	0.204	0.2097911	2.8
Tetrachloro-m-xylene	0.240	0.2541775	5.74

B028464-BLK1 Blank			
Analyte	Results	%RPD	
<u>Surrogates</u>			
Decachlorobiphenyl	0.880	0.907815	3.11
Tetrachloro-m-xylene	0.833	0.8309	0.252

B028464-BS1 LCS			
Analyte	Results	%RPD	
<u>Surrogates</u>			
Aroclor-1016	0.23	0.24551	6.52
Aroclor-1260	0.22	0.230835	4.81
Decachlorobiphenyl	0.866	0.88989	2.72
Tetrachloro-m-xylene	0.856	0.870295	1.66

B028464-BSD1 LCS Dup			
Analyte	Results	%RPD	
<u>Surrogates</u>			
Aroclor-1016	0.23	0.259975	12.2
Aroclor-1260	0.23	0.24401	5.91
Tetrachloro-m-xylene	0.886	0.895945	1.12
Decachlorobiphenyl	0.903	0.926725	2.59

B028465-BLK1 Blank			
Analyte	Results	%RPD	
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.219	0.231405	5.51
Decachlorobiphenyl	0.219	0.22234	1.51

B028465-BS1 LCS			
Analyte	Results	%RPD	
<u>Surrogates</u>			
Aroclor-1016	0.19	0.189435	0.298
Aroclor-1260	0.22	0.23393	6.14
Decachlorobiphenyl	0.223	0.22751	2
Tetrachloro-m-xylene	0.212	0.22363	5.34

**B028465-BSD1**

## LCS Dup

Analyte	Results		%RPD
Aroclor-1016	0.19	0.188285	0.907
Aroclor-1260	0.22	0.232005	5.31
<u>Surrogates</u>			
Decachlorobiphenyl	0.221	0.226495	2.46
Tetrachloro-m-xylene	0.219	0.23247	5.97

**B028465-MS1**

## Matrix Spike

Analyte	Results		%RPD
Aroclor-1260	0.48	0.4983952	3.76
Aroclor-1016	0.36	0.4459271	21.3
<u>Surrogates</u>			
Decachlorobiphenyl	0.247	0.2538811	2.75
Tetrachloro-m-xylene	0.272	0.2871611	5.42

**B028465-MSD1**

## Matrix Spike Dup

Analyte	Results		%RPD
Aroclor-1016	0.33	0.4505179	30.9
Aroclor-1260	0.44	0.4620972	4.9
<u>Surrogates</u>			
Decachlorobiphenyl	0.198	0.2036765	2.83
Tetrachloro-m-xylene	0.243	0.2587468	6.28

**B028573-BLK1**

## Blank

Analyte	Results		%RPD
<u>Surrogates</u>			
Decachlorobiphenyl	8.13	8.26445	1.64
Tetrachloro-m-xylene	8.89	9.1032	2.37

**B028573-BS1**

## LCS

Analyte	Results		%RPD
Aroclor-1016	2.0	2.0099	0.494
Aroclor-1260	2.2	2.36155	7.08
<u>Surrogates</u>			
Tetrachloro-m-xylene	7.85	8.0768	2.85
Decachlorobiphenyl	7.80	7.92225	1.56

## Meghan Kelley

---

**From:** Amy Wallace [awallace@woodardcurran.com]  
**Sent:** Friday, April 08, 2011 3:02 PM  
**To:** Meghan Kelley  
**Subject:** ConTest report 11D0133

Hi Meghan

During our review of ConTest report 11D0133, Woodard & Curran noted that the matrix listed in the lab report for samples 125-CBC-322 and 125-CBC-323 was indicated as "soil". This is consistent with the sample matrix indicated on the original chain of custody form; however, the matrix indicated on the chain of custody was a field error. The sample matrix for samples 125-CBC-322 and 125-CBC-323 should be listed as concrete, as the sample ID indicates by the "CBC" which is used for concrete (as opposed to a "CBS" sample of soil).

Please revise the report summary and pages to correct the listed matrix as concrete for these two samples in 11D0133.

Thank you,  
Amy

April 8, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: 125 Western Ave - Boston

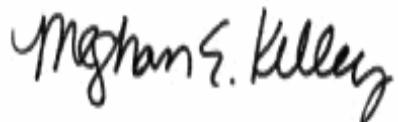
Client Job Number:

Project Number: 223947

Laboratory Work Order Number: 11D0178

Enclosed are results of analyses for samples received by the laboratory on April 6, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

REPORT DATE: 4/8/2011

Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810  
ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11D0178

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 125 Western Ave - Boston

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-336	11D0178-01	Soil		SM 2540G SW-846 8082	
125-CBS-338	11D0178-02	Soil		SM 2540G SW-846 8082	
125-CBS-340	11D0178-03	Soil		SM 2540G SW-846 8082	
125-CBS-334	11D0178-04	Soil		SM 2540G SW-846 8082	
125-CBS-344	11D0178-05	Soil		SM 2540G SW-846 8082	
125-CBS-342	11D0178-06	Soil		SM 2540G SW-846 8082	
125-CBSQ-346	11D0178-07	Equipment Blank Water		SM 2540G SW-846 8082	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.  
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-336

Sampled: 4/6/2011 14:20

**Sample ID:** 11D0178-01

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Aroclor-1260 [2]	0.11	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:15	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		82.6	30-150					4/8/11 11:15	
Decachlorobiphenyl [2]		71.7	30-150					4/8/11 11:15	
Tetrachloro-m-xylene [1]		106	30-150					4/8/11 11:15	
Tetrachloro-m-xylene [2]		104	30-150					4/8/11 11:15	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-336

Sampled: 4/6/2011 14:20

**Sample ID:** 11D0178-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.8		% Wt	1		SM 2540G	4/7/11	4/8/11 10:11	VAF

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-338

Sampled: 4/6/2011 14:05

**Sample ID:** 11D0178-02

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Aroclor-1260 [2]	0.24	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:31	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		76.1	30-150					4/8/11 11:31	
Decachlorobiphenyl [2]		76.2	30-150					4/8/11 11:31	
Tetrachloro-m-xylene [1]		102	30-150					4/8/11 11:31	
Tetrachloro-m-xylene [2]		90.4	30-150					4/8/11 11:31	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-338

Sampled: 4/6/2011 14:05

**Sample ID:** 11D0178-02

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	4/7/11	4/8/11 10:11	VAF

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-340

Sampled: 4/6/2011 14:25

**Sample ID:** 11D0178-03

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Aroclor-1260 [2]	0.22	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 11:46	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		80.2	30-150					4/8/11 11:46	
Decachlorobiphenyl [2]		73.4	30-150					4/8/11 11:46	
Tetrachloro-m-xylene [1]		103	30-150					4/8/11 11:46	
Tetrachloro-m-xylene [2]		99.2	30-150					4/8/11 11:46	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

Sampled: 4/6/2011 14:25

**Field Sample #:** 125-CBS-340

Sample ID: 11D0178-03

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	4/7/11	4/8/11 10:11	VAF

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-334

Sampled: 4/6/2011 13:45

**Sample ID:** 11D0178-04

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:02	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		83.0	30-150					4/8/11 12:02	
Decachlorobiphenyl [2]		75.4	30-150					4/8/11 12:02	
Tetrachloro-m-xylene [1]		90.2	30-150					4/8/11 12:02	
Tetrachloro-m-xylene [2]		86.3	30-150					4/8/11 12:02	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-334

Sampled: 4/6/2011 13:45

**Sample ID:** 11D0178-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.7		% Wt	1		SM 2540G	4/7/11	4/8/11 10:11	VAF

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-344

Sampled: 4/6/2011 14:55

**Sample ID:** 11D0178-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Aroclor-1260 [2]	0.23	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:17	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	92.4	30-150						4/8/11 12:17	
Decachlorobiphenyl [2]	90.0	30-150						4/8/11 12:17	
Tetrachloro-m-xylene [1]	103	30-150						4/8/11 12:17	
Tetrachloro-m-xylene [2]	91.7	30-150						4/8/11 12:17	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

Sampled: 4/6/2011 14:55

**Field Sample #:** 125-CBS-344

Sample ID: 11D0178-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	4/7/11	4/8/11 10:11	VAF

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBS-342

Sampled: 4/6/2011 14:59

**Sample ID:** 11D0178-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Aroclor-1260 [2]	0.16	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/6/11	4/8/11 12:33	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		72.0	30-150					4/8/11 12:33	
Decachlorobiphenyl [2]		70.1	30-150					4/8/11 12:33	
Tetrachloro-m-xylene [1]		97.9	30-150					4/8/11 12:33	
Tetrachloro-m-xylene [2]		83.2	30-150					4/8/11 12:33	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

Sampled: 4/6/2011 14:59

**Field Sample #:** 125-CBS-342

**Sample ID:** 11D0178-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	4/7/11	4/8/11 10:11	VAF

Project Location: 125 Western Ave - Boston

Sample Description:

Work Order: 11D0178

Date Received: 4/6/2011

**Field Sample #:** 125-CBSQ-346

Sampled: 4/6/2011 13:05

**Sample ID:** 11D0178-07

Sample Matrix: Equipment Blank Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Aroclor-1221 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Aroclor-1232 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Aroclor-1242 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Aroclor-1248 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Aroclor-1254 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Aroclor-1260 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Aroclor-1262 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Aroclor-1268 [1]	ND	0.29	µg/L	1		SW-846 8082	4/8/11	4/8/11 14:41	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		50.6	30-150					4/8/11 14:41	
Decachlorobiphenyl [2]		52.1	30-150					4/8/11 14:41	
Tetrachloro-m-xylene [1]		69.0	30-150					4/8/11 14:41	
Tetrachloro-m-xylene [2]		72.6	30-150					4/8/11 14:41	

**Sample Extraction Data**
**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
11D0178-01 [125-CBS-336]	B028583	04/07/11
11D0178-02 [125-CBS-338]	B028583	04/07/11
11D0178-03 [125-CBS-340]	B028583	04/07/11
11D0178-04 [125-CBS-334]	B028583	04/07/11
11D0178-05 [125-CBS-344]	B028583	04/07/11
11D0178-06 [125-CBS-342]	B028583	04/07/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0178-01 [125-CBS-336]	B028545	10.1	50.0	04/06/11
11D0178-02 [125-CBS-338]	B028545	10.2	50.0	04/06/11
11D0178-03 [125-CBS-340]	B028545	10.0	50.0	04/06/11
11D0178-04 [125-CBS-334]	B028545	10.0	50.0	04/06/11
11D0178-05 [125-CBS-344]	B028545	10.1	50.0	04/06/11
11D0178-06 [125-CBS-342]	B028545	10.2	50.0	04/06/11

**Prep Method: SW-846 3510C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11D0178-07 [125-CBSQ-346]	B028651	700	10.0	04/08/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028545 - SW-846 3540C**
**Blank (B028545-BLK1)**

Prepared: 04/06/11 Analyzed: 04/08/11

Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.186		mg/Kg wet	0.200		93.1		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.178		mg/Kg wet	0.200		88.8		30-150		
Surrogate: Tetrachloro-m-xylene	0.240		mg/Kg wet	0.200		120		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.229		mg/Kg wet	0.200		114		30-150		

**LCS (B028545-BS1)**

Prepared: 04/06/11 Analyzed: 04/08/11

Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115		40-140		
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		116		40-140		
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		97.2		40-140		
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		93.4		40-140		
Surrogate: Decachlorobiphenyl	0.166		mg/Kg wet	0.200		82.8		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.156		mg/Kg wet	0.200		78.0		30-150		
Surrogate: Tetrachloro-m-xylene	0.237		mg/Kg wet	0.200		119		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.232		mg/Kg wet	0.200		116		30-150		

**LCS Dup (B028545-BSD1)**

Prepared: 04/06/11 Analyzed: 04/08/11

Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		117		40-140	1.26	30
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		111		40-140	4.62	30
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		103		40-140	5.95	30
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		100		40-140	7.20	30
Surrogate: Decachlorobiphenyl	0.194		mg/Kg wet	0.200		97.1		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.180		mg/Kg wet	0.200		90.0		30-150		
Surrogate: Tetrachloro-m-xylene	0.238		mg/Kg wet	0.200		119		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.224		mg/Kg wet	0.200		112		30-150		

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028651 - SW-846 3510C**

<b>Blank (B028651-BLK1)</b>	Prepared & Analyzed: 04/08/11							
Aroclor-1016	ND	0.20	µg/L					
Aroclor-1016 [2C]	ND	0.20	µg/L					
Aroclor-1221	ND	0.20	µg/L					
Aroclor-1221 [2C]	ND	0.20	µg/L					
Aroclor-1232	ND	0.20	µg/L					
Aroclor-1232 [2C]	ND	0.20	µg/L					
Aroclor-1242	ND	0.20	µg/L					
Aroclor-1242 [2C]	ND	0.20	µg/L					
Aroclor-1248	ND	0.20	µg/L					
Aroclor-1248 [2C]	ND	0.20	µg/L					
Aroclor-1254	ND	0.20	µg/L					
Aroclor-1254 [2C]	ND	0.20	µg/L					
Aroclor-1260	ND	0.20	µg/L					
Aroclor-1260 [2C]	ND	0.20	µg/L					
Aroclor-1262	ND	0.20	µg/L					
Aroclor-1262 [2C]	ND	0.20	µg/L					
Aroclor-1268	ND	0.20	µg/L					
Aroclor-1268 [2C]	ND	0.20	µg/L					
Surrogate: Decachlorobiphenyl	1.38		µg/L	2.00	68.9	30-150		
Surrogate: Decachlorobiphenyl [2C]	1.42		µg/L	2.00	70.9	30-150		
Surrogate: Tetrachloro-m-xylene	1.55		µg/L	2.00	77.4	30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.62		µg/L	2.00	81.1	30-150		
<b>LCS (B028651-BS1)</b>	Prepared & Analyzed: 04/08/11							
Aroclor-1016	0.41	0.20	µg/L	0.500	81.7	40-140		
Aroclor-1016 [2C]	0.43	0.20	µg/L	0.500	86.4	40-140		
Aroclor-1260	0.45	0.20	µg/L	0.500	89.4	40-140		
Aroclor-1260 [2C]	0.45	0.20	µg/L	0.500	90.6	40-140		
Surrogate: Decachlorobiphenyl	1.67		µg/L	2.00	83.3	30-150		
Surrogate: Decachlorobiphenyl [2C]	1.70		µg/L	2.00	85.1	30-150		
Surrogate: Tetrachloro-m-xylene	1.77		µg/L	2.00	88.3	30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.84		µg/L	2.00	91.8	30-150		
<b>LCS Dup (B028651-BSD1)</b>	Prepared & Analyzed: 04/08/11							
Aroclor-1016	0.36	0.20	µg/L	0.500	72.6	40-140	11.8	20
Aroclor-1016 [2C]	0.37	0.20	µg/L	0.500	74.7	40-140	14.6	20
Aroclor-1260	0.39	0.20	µg/L	0.500	78.1	40-140	13.6	20
Aroclor-1260 [2C]	0.42	0.20	µg/L	0.500	83.1	40-140	8.55	20
Surrogate: Decachlorobiphenyl	1.42		µg/L	2.00	71.2	30-150		
Surrogate: Decachlorobiphenyl [2C]	1.46		µg/L	2.00	72.8	30-150		
Surrogate: Tetrachloro-m-xylene	1.59		µg/L	2.00	79.5	30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.66		µg/L	2.00	83.2	30-150		

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**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028583 - % Solids**

Duplicate (B028583-DUP4)	<b>Source: 11D0178-02</b>			Prepared: 04/07/11 Analyzed: 04/08/11				
% Solids	85.1		% Wt		85.4		0.352	20

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

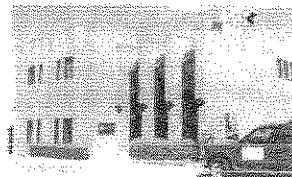
Analyte	Certifications
<b><i>SW-846 8082 in Soil</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Water</i></b>	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012



39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



## Sample Receipt Checklist

CLIENT NAME: Woodard & Curran

RECEIVED BY: SD

DATE: 4/6/11

1) Was the chain(s) of custody relinquished and signed?

Yes  No

2) Does the chain agree with the samples?

Yes  No

If not, explain:

3) Are all the samples in good condition?

Yes  No

If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes  No  N/A

Temperature °C by Temp blank: 3.0 Temperature °C by Temp gun: \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter?

Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"?

Yes  No Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples?

Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored:

19

Permission to subcontract samples? Yes  No

(Walk-in clients only) if not already approved

Client Signature: \_\_\_\_\_

## Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	<u>1</u>	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	<u>6</u>	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_ Time and Date Frozen:

# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_

# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Do all samples have the proper Acid pH: Yes  No  N/A

Do all samples have the proper Base pH: Yes  No  N/A

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11D0178
Project Location:	125 Western Ave - Boston	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11D0178-01 thru 11D0178-07

Matrices:              Soil              Water

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
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**Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature:		Position:	Laboratory Manager
Printed Name:	Daren J. Damboragian	Date:	04/08/11

**11D0178-01****125-CBS-336**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.11	0.1112725
<u>Surrogates</u>		
Decachlorobiphenyl	0.171	0.1482255
Tetrachloro-m-xylene	0.220	0.2158788

**11D0178-02****125-CBS-338**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.24	0.2104342
<u>Surrogates</u>		
Decachlorobiphenyl	0.175	0.1750069
Tetrachloro-m-xylene	0.234	0.207547

**11D0178-03****125-CBS-340**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.22	0.1909655
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.222	0.2140183
Decachlorobiphenyl	0.173	0.1583441

**11D0178-04****125-CBS-334**

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	0.203	0.1846573
Tetrachloro-m-xylene	0.221	0.2113464

**11D0178-05****125-CBS-344**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.23	0.1978646
<u>Surrogates</u>		
Decachlorobiphenyl	0.205	0.1996663
Tetrachloro-m-xylene	0.228	0.2033085

**11D0178-06****125-CBS-342**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.16	0.1153988
<u>Surrogates</u>		
Decachlorobiphenyl	0.156	0.1515609
Tetrachloro-m-xylene	0.212	0.179962

**11D0178-07****125-CBSQ-346**

Analyte	Results	%RPD
<u>Surrogates</u>		
Tetrachloro-m-xylene	1.97	2.073157
Decachlorobiphenyl	1.45	1.488029

**B028545-BLK1****Blank**

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	0.186	0.17751
Tetrachloro-m-xylene	0.240	0.22861

**B028545-BS1****LCS**

Analyte	Results	%RPD
Aroclor-1016	0.23	0.23298
Aroclor-1260	0.19	0.186725
<u>Surrogates</u>		
Decachlorobiphenyl	0.166	0.156005
Tetrachloro-m-xylene	0.237	0.23224

**B028545-BSD1**

## LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.23	0.22246
Aroclor-1260	0.21	0.20067
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.238	0.22371
Decachlorobiphenyl	0.194	0.18009

**B028651-BLK1**

## Blank

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	1.38	1.4176
Tetrachloro-m-xylene	1.55	1.62172

**B028651-BS1**

## LCS

Analyte	Results	%RPD
Aroclor-1016	0.41	0.43223
Aroclor-1260	0.45	0.45284
<u>Surrogates</u>		
Decachlorobiphenyl	1.67	1.70252
Tetrachloro-m-xylene	1.77	1.83608

**B028651-BSD1**

## LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.36	0.37348
Aroclor-1260	0.39	0.4157
<u>Surrogates</u>		
Tetrachloro-m-xylene	1.59	1.66324
Decachlorobiphenyl	1.42	1.45651

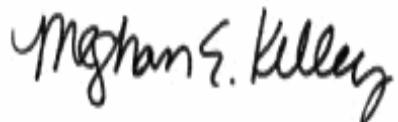
April 11, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: Boston, MA  
Client Job Number:  
Project Number: 223947  
Laboratory Work Order Number: 11D0217

Enclosed are results of analyses for samples received by the laboratory on April 7, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

REPORT DATE: 4/11/2011

Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810  
ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**


---

WORK ORDER NUMBER: 11D0217

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Boston, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBC-347	11D0217-01	Concrete		SW-846 8082	
125-CBC-348	11D0217-02	Concrete		SW-846 8082	
125-CBC-349	11D0217-03	Concrete		SW-846 8082	
125-CBC-350	11D0217-04	Concrete		SW-846 8082	
125-CBC-351	11D0217-05	Concrete		SW-846 8082	
125-CBC-352	11D0217-06	Concrete		SW-846 8082	
125-CBC-353	11D0217-07	Concrete		SW-846 8082	
125-CBC-354	11D0217-08	Concrete		SW-846 8082	
125-CBC-355	11D0217-09	Concrete		SW-846 8082	
125-CBCD-356	11D0217-10	Concrete		SW-846 8082	
125-CBC-357	11D0217-11	Concrete		SW-846 8082	
125-CBC-358	11D0217-12	Concrete		SW-846 8082	
125-CBC-359	11D0217-13	Water		SW-846 8082	
125-CBC-396	11D0217-14	Concrete		SW-846 8082	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.  
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-347

Sampled: 4/7/2011 07:35

**Sample ID:** 11D0217-01

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Aroclor-1260 [2]	0.13	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:08	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	101	30-150						4/8/11 20:08	
Decachlorobiphenyl [2]	103	30-150						4/8/11 20:08	
Tetrachloro-m-xylene [1]	98.5	30-150						4/8/11 20:08	
Tetrachloro-m-xylene [2]	104	30-150						4/8/11 20:08	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-348

Sampled: 4/7/2011 07:45

**Sample ID:** 11D0217-02

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Aroclor-1221 [1]	ND	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Aroclor-1232 [1]	ND	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Aroclor-1242 [1]	ND	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Aroclor-1248 [1]	ND	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Aroclor-1254 [1]	ND	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Aroclor-1260 [2]	2.0	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Aroclor-1262 [1]	ND	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Aroclor-1268 [1]	ND	0.18	mg/Kg	2		SW-846 8082	4/7/11	4/9/11 7:11	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	107	30-150						4/9/11 7:11	
Decachlorobiphenyl [2]	108	30-150						4/9/11 7:11	
Tetrachloro-m-xylene [1]	100	30-150						4/9/11 7:11	
Tetrachloro-m-xylene [2]	105	30-150						4/9/11 7:11	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-349

Sampled: 4/7/2011 07:50

**Sample ID:** 11D0217-03

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Aroclor-1260 [2]	0.19	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:35	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	106		30-150					4/8/11 20:35	
Decachlorobiphenyl [2]	110		30-150					4/8/11 20:35	
Tetrachloro-m-xylene [1]	112		30-150					4/8/11 20:35	
Tetrachloro-m-xylene [2]	117		30-150					4/8/11 20:35	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-350

Sampled: 4/7/2011 07:57

**Sample ID:** 11D0217-04

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Aroclor-1260 [2]	0.23	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 20:48	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	109		30-150					4/8/11 20:48	
Decachlorobiphenyl [2]	119		30-150					4/8/11 20:48	
Tetrachloro-m-xylene [1]	98.4		30-150					4/8/11 20:48	
Tetrachloro-m-xylene [2]	102		30-150					4/8/11 20:48	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-351

Sampled: 4/7/2011 08:02

**Sample ID:** 11D0217-05

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Aroclor-1260 [2]	0.25	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:02	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	94.0	30-150						4/8/11 21:02	
Decachlorobiphenyl [2]	96.4	30-150						4/8/11 21:02	
Tetrachloro-m-xylene [1]	88.7	30-150						4/8/11 21:02	
Tetrachloro-m-xylene [2]	93.5	30-150						4/8/11 21:02	

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-352

Sampled: 4/7/2011 08:15

**Sample ID:** 11D0217-06

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Aroclor-1254 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Aroclor-1260 [2]	0.48	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:16	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		99.5	30-150					4/8/11 21:16	
Decachlorobiphenyl [2]		102	30-150					4/8/11 21:16	
Tetrachloro-m-xylene [1]		96.8	30-150					4/8/11 21:16	
Tetrachloro-m-xylene [2]		100	30-150					4/8/11 21:16	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-353

Sampled: 4/7/2011 08:20

**Sample ID:** 11D0217-07

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Aroclor-1248 [2]	0.80	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Aroclor-1260 [1]	1.2	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:29	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	102		30-150					4/8/11 21:29	
Decachlorobiphenyl [2]	99.6		30-150					4/8/11 21:29	
Tetrachloro-m-xylene [1]	107		30-150					4/8/11 21:29	
Tetrachloro-m-xylene [2]	103		30-150					4/8/11 21:29	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-354

Sampled: 4/7/2011 08:35

**Sample ID:** 11D0217-08

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Aroclor-1260 [2]	1.2	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/9/11	4/11/11 12:10	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	107	30-150						4/11/11 12:10	
Decachlorobiphenyl [2]	141	30-150						4/11/11 12:10	
Tetrachloro-m-xylene [1]	115	30-150						4/11/11 12:10	
Tetrachloro-m-xylene [2]	125	30-150						4/11/11 12:10	

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-355

Sampled: 4/7/2011 09:00

**Sample ID:** 11D0217-09

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Aroclor-1260 [1]	0.11	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/8/11 21:56	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		112	30-150					4/8/11 21:56	
Decachlorobiphenyl [2]		119	30-150					4/8/11 21:56	
Tetrachloro-m-xylene [1]		108	30-150					4/8/11 21:56	
Tetrachloro-m-xylene [2]		111	30-150					4/8/11 21:56	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBCD-356

Sampled: 4/7/2011 09:02

**Sample ID:** 11D0217-10

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Aroclor-1254 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Aroclor-1260 [2]	0.17	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:24	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	110	30-150						4/9/11 15:24	
Decachlorobiphenyl [2]	111	30-150						4/9/11 15:24	
Tetrachloro-m-xylene [1]	110	30-150						4/9/11 15:24	
Tetrachloro-m-xylene [2]	115	30-150						4/9/11 15:24	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-357

Sampled: 4/7/2011 09:20

**Sample ID:** 11D0217-11

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Aroclor-1260 [2]	0.37	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:38	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	112	30-150						4/9/11 15:38	
Decachlorobiphenyl [2]	114	30-150						4/9/11 15:38	
Tetrachloro-m-xylene [1]	112	30-150						4/9/11 15:38	
Tetrachloro-m-xylene [2]	115	30-150						4/9/11 15:38	

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-358

Sampled: 4/7/2011 12:00

**Sample ID:** 11D0217-12

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Aroclor-1254 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Aroclor-1260 [2]	0.16	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 15:52	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		122	30-150					4/9/11 15:52	
Decachlorobiphenyl [2]		125	30-150					4/9/11 15:52	
Tetrachloro-m-xylene [1]		115	30-150					4/9/11 15:52	
Tetrachloro-m-xylene [2]		120	30-150					4/9/11 15:52	

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-359

Sampled: 4/7/2011 09:40

**Sample ID:** 11D0217-13

Sample Matrix: Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:28	JMB
Surrogates	% Recovery	Recovery Limits		Flag					
Decachlorobiphenyl [1]	68.1	30-150					4/11/11 14:28		
Decachlorobiphenyl [2]	69.7	30-150					4/11/11 14:28		
Tetrachloro-m-xylene [1]	92.7	30-150					4/11/11 14:28		
Tetrachloro-m-xylene [2]	92.0	30-150					4/11/11 14:28		

Project Location: Boston, MA

Sample Description:

Work Order: 11D0217

Date Received: 4/7/2011

**Field Sample #:** 125-CBC-396

Sampled: 4/7/2011 14:25

**Sample ID:** 11D0217-14

Sample Matrix: Concrete

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	4/7/11	4/9/11 16:05	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		94.2	30-150					4/9/11 16:05	
Decachlorobiphenyl [2]		97.7	30-150					4/9/11 16:05	
Tetrachloro-m-xylene [1]		85.0	30-150					4/9/11 16:05	
Tetrachloro-m-xylene [2]		88.4	30-150					4/9/11 16:05	

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### Sample Extraction Data

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0217-01 [125-CBC-347]	B028616	2.10	10.0	04/07/11
11D0217-02 [125-CBC-348]	B028616	2.20	10.0	04/07/11
11D0217-03 [125-CBC-349]	B028616	2.00	10.0	04/07/11
11D0217-04 [125-CBC-350]	B028616	2.00	10.0	04/07/11
11D0217-05 [125-CBC-351]	B028616	2.10	10.0	04/07/11
11D0217-06 [125-CBC-352]	B028616	2.20	10.0	04/07/11
11D0217-07 [125-CBC-353]	B028616	2.00	10.0	04/07/11
11D0217-09 [125-CBC-355]	B028616	2.10	10.0	04/07/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0217-10 [125-CBCD-356]	B028617	2.20	10.0	04/07/11
11D0217-11 [125-CBC-357]	B028617	2.10	10.0	04/07/11
11D0217-12 [125-CBC-358]	B028617	2.20	10.0	04/07/11
11D0217-14 [125-CBC-396]	B028617	2.00	10.0	04/07/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0217-08RE1 [125-CBC-354]	B028706	2.00	10.0	04/09/11

**Prep Method: SW-846 3510C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11D0217-13 [125-CBC-359]	B028724	800	8.00	04/11/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028616 - SW-846 3540C**

<b>Blank (B028616-BLK1)</b>					Prepared: 04/07/11 Analyzed: 04/08/11					
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	0.953	mg/Kg	1.00		95.3	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.972	mg/Kg	1.00		97.2	30-150				
Surrogate: Tetrachloro-m-xylene	1.03	mg/Kg	1.00		103	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	1.07	mg/Kg	1.00		107	30-150				

<b>LCS (B028616-BS1)</b>					Prepared: 04/07/11 Analyzed: 04/08/11					
Aroclor-1016	0.20	0.10	mg/Kg	0.250		80.0	40-140			
Aroclor-1016 [2C]	0.20	0.10	mg/Kg	0.250		79.6	40-140			
Aroclor-1260	0.22	0.10	mg/Kg	0.250		87.9	40-140			
Aroclor-1260 [2C]	0.23	0.10	mg/Kg	0.250		90.6	40-140			
Surrogate: Decachlorobiphenyl	0.918	mg/Kg	1.00		91.8	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.943	mg/Kg	1.00		94.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.934	mg/Kg	1.00		93.4	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.970	mg/Kg	1.00		97.0	30-150				

<b>LCS Dup (B028616-BSD1)</b>					Prepared: 04/07/11 Analyzed: 04/08/11					
Aroclor-1016	0.20	0.10	mg/Kg	0.250		78.5	40-140	1.96	30	
Aroclor-1016 [2C]	0.19	0.10	mg/Kg	0.250		77.4	40-140	2.83	30	
Aroclor-1260	0.21	0.10	mg/Kg	0.250		85.9	40-140	2.24	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg	0.250		89.4	40-140	1.33	30	
Surrogate: Decachlorobiphenyl	0.885	mg/Kg	1.00		88.5	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.910	mg/Kg	1.00		91.0	30-150				
Surrogate: Tetrachloro-m-xylene	0.861	mg/Kg	1.00		86.1	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.895	mg/Kg	1.00		89.5	30-150				

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028617 - SW-846 3540C**
**Blank (B028617-BLK1)**

Prepared: 04/07/11 Analyzed: 04/09/11

Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	0.976		mg/Kg	1.00		97.6		30-150		
Surrogate: Decachlorobiphenyl [2C]	1.03		mg/Kg	1.00		103		30-150		
Surrogate: Tetrachloro-m-xylene	1.03		mg/Kg	1.00		103		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.07		mg/Kg	1.00		107		30-150		

**LCS (B028617-BS1)**

Prepared: 04/07/11 Analyzed: 04/09/11

Aroclor-1016	0.27	0.10	mg/Kg	0.250		107		40-140		
Aroclor-1016 [2C]	0.30	0.10	mg/Kg	0.250		119		40-140		
Aroclor-1260	0.26	0.10	mg/Kg	0.250		104		40-140		
Aroclor-1260 [2C]	0.28	0.10	mg/Kg	0.250		114		40-140		
Surrogate: Decachlorobiphenyl	1.01		mg/Kg	1.00		101		30-150		
Surrogate: Decachlorobiphenyl [2C]	1.04		mg/Kg	1.00		104		30-150		
Surrogate: Tetrachloro-m-xylene	1.09		mg/Kg	1.00		109		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.13		mg/Kg	1.00		113		30-150		

**LCS Dup (B028617-BSD1)**

Prepared: 04/07/11 Analyzed: 04/09/11

Aroclor-1016	0.26	0.10	mg/Kg	0.250		105		40-140	2.12	30
Aroclor-1016 [2C]	0.29	0.10	mg/Kg	0.250		117		40-140	1.28	30
Aroclor-1260	0.27	0.10	mg/Kg	0.250		106		40-140	1.62	30
Aroclor-1260 [2C]	0.28	0.10	mg/Kg	0.250		113		40-140	0.749	30
Surrogate: Decachlorobiphenyl	1.02		mg/Kg	1.00		102		30-150		
Surrogate: Decachlorobiphenyl [2C]	1.06		mg/Kg	1.00		106		30-150		
Surrogate: Tetrachloro-m-xylene	1.03		mg/Kg	1.00		103		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.07		mg/Kg	1.00		107		30-150		

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028617 - SW-846 3540C**

Matrix Spike (B028617-MS1)	Source: 11D0217-10			Prepared: 04/07/11 Analyzed: 04/09/11					
Aroclor-1016	0.26	0.10	mg/Kg	0.250	0.0	103	40-140		
Aroclor-1016 [2C]	0.27	0.10	mg/Kg	0.250	0.0	107	40-140		
Aroclor-1260	0.42	0.10	mg/Kg	0.250	0.15	110	40-140		
Aroclor-1260 [2C]	0.46	0.10	mg/Kg	0.250	0.17	117	40-140		
Surrogate: Decachlorobiphenyl	0.972		mg/Kg	1.00		97.2	30-150		
Surrogate: Decachlorobiphenyl [2C]	0.991		mg/Kg	1.00		99.1	30-150		
Surrogate: Tetrachloro-m-xylene	0.932		mg/Kg	1.00		93.2	30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.973		mg/Kg	1.00		97.3	30-150		
Matrix Spike Dup (B028617-MSD1)	Source: 11D0217-10			Prepared: 04/07/11 Analyzed: 04/09/11					
Aroclor-1016	0.27	0.10	mg/Kg	0.250	0.0	108	40-140	4.83	50
Aroclor-1016 [2C]	0.29	0.10	mg/Kg	0.250	0.0	116	40-140	7.94	50
Aroclor-1260	0.45	0.10	mg/Kg	0.250	0.15	119	40-140	4.88	50
Aroclor-1260 [2C]	0.44	0.10	mg/Kg	0.250	0.17	109	40-140	4.33	50
Surrogate: Decachlorobiphenyl	1.30		mg/Kg	1.00		130	30-150		
Surrogate: Decachlorobiphenyl [2C]	1.31		mg/Kg	1.00		131	30-150		
Surrogate: Tetrachloro-m-xylene	1.18		mg/Kg	1.00		118	30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.24		mg/Kg	1.00		124	30-150		

**Batch B028706 - SW-846 3540C**

Blank (B028706-BLK1)	Prepared: 04/09/11 Analyzed: 04/11/11								
Aroclor-1016	ND	0.10	mg/Kg						
Aroclor-1016 [2C]	ND	0.10	mg/Kg						
Aroclor-1221	ND	0.10	mg/Kg						
Aroclor-1221 [2C]	ND	0.10	mg/Kg						
Aroclor-1232	ND	0.10	mg/Kg						
Aroclor-1232 [2C]	ND	0.10	mg/Kg						
Aroclor-1242	ND	0.10	mg/Kg						
Aroclor-1242 [2C]	ND	0.10	mg/Kg						
Aroclor-1248	ND	0.10	mg/Kg						
Aroclor-1248 [2C]	ND	0.10	mg/Kg						
Aroclor-1254	ND	0.10	mg/Kg						
Aroclor-1254 [2C]	ND	0.10	mg/Kg						
Aroclor-1260	ND	0.10	mg/Kg						
Aroclor-1260 [2C]	ND	0.10	mg/Kg						
Aroclor-1262	ND	0.10	mg/Kg						
Aroclor-1262 [2C]	ND	0.10	mg/Kg						
Aroclor-1268	ND	0.10	mg/Kg						
Aroclor-1268 [2C]	ND	0.10	mg/Kg						
Surrogate: Decachlorobiphenyl	0.939		mg/Kg	1.00	93.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.20		mg/Kg	1.00	120	30-150			
Surrogate: Tetrachloro-m-xylene	0.955		mg/Kg	1.00	95.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.04		mg/Kg	1.00	104	30-150			

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028706 - SW-846 3540C**

<b>LCS (B028706-BS1)</b>						
Prepared: 04/09/11 Analyzed: 04/11/11						
Aroclor-1016	0.26	0.10	mg/Kg	0.250	104	40-140
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250	101	40-140
Aroclor-1260	0.26	0.10	mg/Kg	0.250	104	40-140
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250	103	40-140
Surrogate: Decachlorobiphenyl	0.923		mg/Kg	1.00	92.3	30-150
Surrogate: Decachlorobiphenyl [2C]	1.19		mg/Kg	1.00	119	30-150
Surrogate: Tetrachloro-m-xylene	0.977		mg/Kg	1.00	97.7	30-150
Surrogate: Tetrachloro-m-xylene [2C]	1.06		mg/Kg	1.00	106	30-150
<b>LCS Dup (B028706-BSD1)</b>						
Prepared: 04/09/11 Analyzed: 04/11/11						
Aroclor-1016	0.29	0.10	mg/Kg	0.250	118	40-140
Aroclor-1016 [2C]	0.27	0.10	mg/Kg	0.250	109	40-140
Aroclor-1260	0.26	0.10	mg/Kg	0.250	105	40-140
Aroclor-1260 [2C]	0.27	0.10	mg/Kg	0.250	107	40-140
Surrogate: Decachlorobiphenyl	0.939		mg/Kg	1.00	93.9	30-150
Surrogate: Decachlorobiphenyl [2C]	1.21		mg/Kg	1.00	121	30-150
Surrogate: Tetrachloro-m-xylene	0.993		mg/Kg	1.00	99.3	30-150
Surrogate: Tetrachloro-m-xylene [2C]	1.08		mg/Kg	1.00	108	30-150

**Batch B028724 - SW-846 3510C**

<b>Blank (B028724-BLK1)</b>						
Prepared & Analyzed: 04/11/11						
Aroclor-1016	ND	0.20	µg/L			
Aroclor-1016 [2C]	ND	0.20	µg/L			
Aroclor-1221	ND	0.20	µg/L			
Aroclor-1221 [2C]	ND	0.20	µg/L			
Aroclor-1232	ND	0.20	µg/L			
Aroclor-1232 [2C]	ND	0.20	µg/L			
Aroclor-1242	ND	0.20	µg/L			
Aroclor-1242 [2C]	ND	0.20	µg/L			
Aroclor-1248	ND	0.20	µg/L			
Aroclor-1248 [2C]	ND	0.20	µg/L			
Aroclor-1254	ND	0.20	µg/L			
Aroclor-1254 [2C]	ND	0.20	µg/L			
Aroclor-1260	ND	0.20	µg/L			
Aroclor-1260 [2C]	ND	0.20	µg/L			
Aroclor-1262	ND	0.20	µg/L			
Aroclor-1262 [2C]	ND	0.20	µg/L			
Aroclor-1268	ND	0.20	µg/L			
Aroclor-1268 [2C]	ND	0.20	µg/L			
Surrogate: Decachlorobiphenyl	1.65		µg/L	2.00	82.3	30-150
Surrogate: Decachlorobiphenyl [2C]	1.63		µg/L	2.00	81.5	30-150
Surrogate: Tetrachloro-m-xylene	1.78		µg/L	2.00	89.0	30-150
Surrogate: Tetrachloro-m-xylene [2C]	1.73		µg/L	2.00	86.3	30-150

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
<b>Batch B028724 - SW-846 3510C</b>									
<b>LCS (B028724-BS1) LCS (IDOC 1 MFT)</b>									
Prepared & Analyzed: 04/11/11									
Aroclor-1016	0.48	0.20	µg/L	0.500	96.6	40-140			
Aroclor-1016 [2C]	0.52	0.20	µg/L	0.500	104	40-140			
Aroclor-1260	0.46	0.20	µg/L	0.500	91.5	40-140			
Aroclor-1260 [2C]	0.48	0.20	µg/L	0.500	96.5	40-140			
Surrogate: Decachlorobiphenyl	1.73		µg/L	2.00	86.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.72		µg/L	2.00	86.2	30-150			
Surrogate: Tetrachloro-m-xylene	1.79		µg/L	2.00	89.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.73		µg/L	2.00	86.5	30-150			
<b>LCS (B028724-BS2) IDOC 3 MFT</b>									
Prepared & Analyzed: 04/11/11									
Aroclor-1016	0.43	0.20	µg/L	0.500	86.2	40-140			
Aroclor-1016 [2C]	0.48	0.20	µg/L	0.500	96.4	40-140			
Aroclor-1260	0.42	0.20	µg/L	0.500	83.2	40-140			
Aroclor-1260 [2C]	0.45	0.20	µg/L	0.500	89.2	40-140			
Surrogate: Decachlorobiphenyl	1.71		µg/L	2.00	85.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.75		µg/L	2.00	87.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.52		µg/L	2.00	75.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.52		µg/L	2.00	75.8	30-150			
<b>LCS (B028724-BS3) IDOC 4 MFT</b>									
Prepared & Analyzed: 04/11/11									
Aroclor-1016	0.49	0.20	µg/L	0.500	98.8	40-140			
Aroclor-1016 [2C]	0.54	0.20	µg/L	0.500	108	40-140			
Aroclor-1260	0.45	0.20	µg/L	0.500	89.2	40-140			
Aroclor-1260 [2C]	0.48	0.20	µg/L	0.500	95.1	40-140			
Surrogate: Decachlorobiphenyl	1.70		µg/L	2.00	85.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.74		µg/L	2.00	87.0	30-150			
Surrogate: Tetrachloro-m-xylene	1.67		µg/L	2.00	83.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.66		µg/L	2.00	83.0	30-150			
<b>LCS Dup (B028724-BSD1) LCS Dup (IDOC 2 MFT)</b>									
Prepared & Analyzed: 04/11/11									
Aroclor-1016	0.49	0.20	µg/L	0.500	97.0	40-140	0.438	20	
Aroclor-1016 [2C]	0.53	0.20	µg/L	0.500	107	40-140	2.71	20	
Aroclor-1260	0.44	0.20	µg/L	0.500	89.0	40-140	2.78	20	
Aroclor-1260 [2C]	0.47	0.20	µg/L	0.500	94.3	40-140	2.35	20	
Surrogate: Decachlorobiphenyl	1.66		µg/L	2.00	83.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.67		µg/L	2.00	83.5	30-150			
Surrogate: Tetrachloro-m-xylene	1.73		µg/L	2.00	86.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.70		µg/L	2.00	85.1	30-150			

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

#### CERTIFICATIONS

##### Certified Analyses included in this Report

Analyte	Certifications
<b><i>SW-846 8082 in Product/Solid</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Water</i></b>	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012





Phone: 413-525-2332  
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Email: [info@contestlabs.com](mailto:info@contestlabs.com)

## CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 0102

Page 2

ANALYTICAL LABORATORY  
Linan, Inc./contestlabs.com

Company Name: Woodard & Curran  
Address: 35 New England Bus Center  
Telephone: 978-557-8150  
Project # 223947

**ANALYSIS REQUESTED**

# of Contain  
\*\* Preserva  
\*\*\*Contain  
de

Page 28 o

Attention: Amy Waller, George Franklin, Jeff M  
Project Location: Boston, MA

**Dissolved**  
ats

Sampled By: K. Stevens, J. Baking  
Project Proposal Provided? (for billing purposes)  
O Yes \_\_\_\_\_ proposal date

**\*\*\*Cont. Code:**  
○ Field Filtered  
○ Lab to Filter

Client PO#  
DATA DELIVERY (check all that apply)  
O FAX  EMAIL  WEBSITE  
Email: *JohnLinan@WoodardCurran.com*

**\*\*\*Cont. Code:**  
A=Amber/glass  
G=glass  
P=plastic  
S=sterile  
V=vial  
S=summa can  
T=tetra bag  
O=Other

Format:  PDF  EXCEL  OGIS  
O OTHER "Enhanced Data Package"

**\*\*Preservation**  
I = Iced  
H = HCl  
M = Methanol  
N = Nitric Acid  
S = Sulfuric Acid  
B = Sodium bisulfate  
X = Na hydroxide  
T = Na thiosulfate  
O = Other

Con-Test Lab ID Client Sample ID / Description Beginning Date/Time Ending Date/Time Collection Composite Grab Code \*Matrix Conc. Code

**Matrix Code:**  
GW = groundwater  
WW = wastewater  
A = air  
S = soil/solid  
SL = sludge  
Other: *Connecticut*

11	125-CBC-357	4/7/11	9:00	X	G	AL	X
12	125-CBC-358	4/7/11	12:00	X	O	AL	X
13	125-CBC-359	4/7/11	0940	X	W	AL	X
14	125-CBC-390	4/7/11	1425	X	O	L	X
15	125-CBC-397	4/7/11	1425	X	C	L	X
16	125-CBC-398	4/7/11	1425	X	C	L	X

**Turnaround**  
7-Day  
10-Day  
Other \_\_\_\_\_

**Detection Limit Requirements**  
Massachusetts:  
H - High; M - Medium; L - Low; C - Clean; U - Unknown

**Is your project MCP or RCP?**

MCP Analytical Certification Form Required  
 RCP Analysis Certification Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

**Comments:** PCBs ~ 8082 R.L. ≤ 1.0 mg/kg/leg.  
W1 Soxhlet Extraction.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
.....

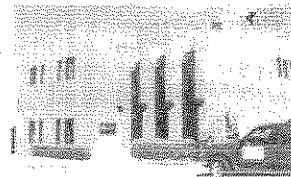
Relinquished by: (signature) *K. Stevens* Date/Time: 4/7/11 10:00  
Received by: (signature) *J. Baking* Date/Time: 4/7/11 1600  
Reinstituted by: (signature) *J. Baking* Date/Time: 4/7/11 1800  
Received by: (signature) *J. Baking* Date/Time: 4/7/11 1810

**Turnaround**  
7-Hr  24-Hr  48-Hr  
72-Hr  4-Day  
Other: *RUSH*

**Turnaround Time** (business days) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIVED UNLESS OTHERWISE SPECIFIED  
TURNAROUND TIME (business days) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIVED UNLESS OTHERWISE SPECIFIED

**ACREDITED IN ACCORDANCE WITH**  
AIHA - American Industrial Hygiene Association  
NELAC & AIHA Certified  
WBEDBE Certified

39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



### Sample Receipt Checklist

CLIENT NAME:

Woodard & curran

RECEIVED BY:

cbs

DATE:

4/7/11

1) Was the chain(s) of custody relinquished and signed?

Yes      No

2) Does the chain agree with the samples?

Yes      No

If not, explain:

3) Are all the samples in good condition?

Yes      No

If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?

Yes      No      N/A

Temperature °C by Temp blank: \_\_\_\_\_ Temperature °C by Temp gun: 5.6°C

5) Are there Dissolved samples for the lab to filter?

Yes      No

Who was notified \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

6) Are there any samples "On Hold"?

Yes      No

Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples?

Yes      No

Who was notified \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

8) Location where samples are stored:

19

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature: \_\_\_\_\_

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	<u>2</u>	8 oz amber/clear jar	<u>2</u>
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	<u>10</u>	2 oz amber/clear jar	<u>1</u>
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes  No  N/A

Do all samples have the proper Base pH: Yes  No  N/A

**11D0213-10****URS-709/L1C1/040711**

Analyte	Results		%RPD
Aroclor-1248	0.36	0.3196	11.9
<u>Surrogates</u>			
Decachlorobiphenyl	0.986	0.9764909	0.969
Tetrachloro-m-xylene	0.996	0.9548818	4.22

**11D0217-01****125-CBC-347**

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.13	0.1254762	3.54
<u>Surrogates</u>			
Decachlorobiphenyl [2C]	0.979	0.9573762	2.23
Tetrachloro-m-xylene [2C]	0.991	0.9377334	5.52

**11D0217-02****125-CBC-348**

Analyte	Results		%RPD
Aroclor-1260 [2C]	2.0	1.865618	6.95
<u>Surrogates</u>			
Decachlorobiphenyl [2C]	0.985	0.9704636	1.49
Tetrachloro-m-xylene [2C]	0.954	0.9109273	4.62

**11D0217-03****125-CBC-349**

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.19	0.181405	4.63
<u>Surrogates</u>			
Decachlorobiphenyl [2C]	1.10	1.060835	3.62
Tetrachloro-m-xylene [2C]	1.17	1.12495	3.93

**11D0217-04****125-CBC-350**

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.23	0.2271	1.27
<u>Surrogates</u>			
Decachlorobiphenyl [2C]	1.19	1.091635	8.62
Tetrachloro-m-xylene [2C]	1.02	0.984295	3.56

**11D0217-05****125-CBC-351**

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.25	0.2396143	4.24
<u>Surrogates</u>			
Decachlorobiphenyl [2C]	0.918	0.8957048	2.46
Tetrachloro-m-xylene [2C]	0.891	0.8448001	5.32

**11D0217-06****125-CBC-352**

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.48	0.4754818	0.946
<u>Surrogates</u>			
Decachlorobiphenyl [2C]	0.929	0.9042545	2.7
Tetrachloro-m-xylene [2C]	0.909	0.8796727	3.28

**11D0217-07****125-CBC-353**

Analyte	Results		%RPD
Aroclor-1248 [2C]	0.80	0.779315	2.62
Aroclor-1260	1.2	1.17475	2.13
<u>Surrogates</u>			
Decachlorobiphenyl	1.02	0.995755	2.41
Tetrachloro-m-xylene	1.07	1.03373	3.45

**11D0217-08RE1****125-CBC-354**

Analyte	Results		%RPD
Aroclor-1260 [2C]	1.2	1.19424	0.481
<u>Surrogates</u>			

Tetrachloro-m-xylene	1.15	1.249715	8.31
Decachlorobiphenyl	1.07	1.405845	27.1

**11D0217-09**      125-CBC-355

Analyte	Results	%RPD
Aroclor-1260	0.11	0.1143286
<u>Surrogates</u>		
Decachlorobiphenyl [2C]	1.13	1.070514
Tetrachloro-m-xylene [2C]	1.06	1.028362

**11D0217-10**      125-CB-CD-356

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.17	0.1496045
<u>Surrogates</u>		
Decachlorobiphenyl [2C]	1.01	0.9967318
Tetrachloro-m-xylene [2C]	1.04	0.9984318

**11D0217-11**      125-CBC-357

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.37	0.3482381
<u>Surrogates</u>		
Decachlorobiphenyl [2C]	1.09	1.063538
Tetrachloro-m-xylene [2C]	1.10	1.062262

**11D0217-12**      125-CBC-358

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.16	0.1465909
<u>Surrogates</u>		
Tetrachloro-m-xylene [2C]	1.09	1.048927
Decachlorobiphenyl [2C]	1.13	1.109282

**11D0217-13**      125-CBC-359

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	1.70	1.74313
Tetrachloro-m-xylene	2.32	2.29984

**11D0217-14**      125-CBC-396

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl [2C]	0.977	0.9424
Tetrachloro-m-xylene [2C]	0.884	0.849605

**B028616-BLK1**      Blank

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	0.953	0.972375
Tetrachloro-m-xylene	1.03	1.07341

**B028616-BS1**      LCS

Analyte	Results	%RPD
Aroclor-1016	0.20	0.199
Aroclor-1260	0.22	0.226425
<u>Surrogates</u>		
Decachlorobiphenyl	0.918	0.94324
Tetrachloro-m-xylene	0.934	0.96962

**B028616-BSD1**      LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.20	0.193455
Aroclor-1260	0.21	0.22344
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.861	0.895075

Decachlorobiphenyl	0.885	0.90999	2.78
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**B028616-MS1** Matrix Spike

Analyte	Results	%RPD	
Aroclor-1260	0.24	0.227325	5.42
Aroclor-1016	0.42	0.58364	32.6
<u>Surrogates</u>			
Decachlorobiphenyl	0.953	0.97672	2.46
Tetrachloro-m-xylene	1.02	1.05711	3.57

**B028616-MSD1** Matrix Spike Dup

Analyte	Results	%RPD	
Aroclor-1016	0.42	0.564895	29.4
Aroclor-1260	0.23	0.213375	7.5
<u>Surrogates</u>			
Decachlorobiphenyl	0.877	0.882535	0.629
Tetrachloro-m-xylene	0.980	1.0174	3.74

**B028617-BLK1** Blank

Analyte	Results	%RPD	
<u>Surrogates</u>			
Decachlorobiphenyl	0.976	1.02612	5.01
Tetrachloro-m-xylene	1.03	1.06969	3.78

**B028617-BS1** LCS

Analyte	Results	%RPD	
Aroclor-1260	0.26	0.28484	9.12
Aroclor-1016	0.27	0.29665	9.41
<u>Surrogates</u>			
Decachlorobiphenyl	1.01	1.036415	2.58
Tetrachloro-m-xylene	1.09	1.12941	3.55

**B028617-BSD1** LCS Dup

Analyte	Results	%RPD	
Aroclor-1260	0.27	0.282715	4.6
Aroclor-1016	0.26	0.292885	11.9
<u>Surrogates</u>			
Decachlorobiphenyl	1.02	1.0564	3.51
Tetrachloro-m-xylene	1.03	1.066725	3.5

**B028617-MS1** Matrix Spike

Analyte	Results	%RPD	
Aroclor-1016	0.26	0.26785	2.97
Aroclor-1260	0.42	0.462135	9.55
<u>Surrogates</u>			
Decachlorobiphenyl	0.972	0.99085	1.92
Tetrachloro-m-xylene	0.932	0.973425	4.35

**B028617-MSD1** Matrix Spike Dup

Analyte	Results	%RPD	
Aroclor-1016	0.27	0.29	7.14
Aroclor-1260	0.45	0.442535	1.67
<u>Surrogates</u>			
Decachlorobiphenyl	1.30	1.313115	1
Tetrachloro-m-xylene	1.18	1.244895	5.35

**B028706-BLK1** Blank

Analyte	Results	%RPD	
<u>Surrogates</u>			
Decachlorobiphenyl	0.939	1.19729	24.2
Tetrachloro-m-xylene	0.955	1.03528	8.07

**B028706-BS1**

## LCS

Analyte	Results	%RPD
Aroclor-1016	0.26	0.253435
Aroclor-1260	0.26	0.25849
<b>Surrogates</b>		
Decachlorobiphenyl	0.923	1.1852
Tetrachloro-m-xylene	0.977	1.058935

**B028706-BSD1**

## LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.29	0.27127
Aroclor-1260	0.26	0.26791
<b>Surrogates</b>		
Decachlorobiphenyl	0.939	1.21045
Tetrachloro-m-xylene	0.993	1.07831

**B028724-BLK1**

## Blank

Analyte	Results	%RPD
<b>Surrogates</b>		
Decachlorobiphenyl	1.65	1.62978
Tetrachloro-m-xylene	1.78	1.72517

**B028724-BS1**

## LCS

Analyte	Results	%RPD
Aroclor-1260	0.46	0.48267
Aroclor-1016	0.48	0.51901
<b>Surrogates</b>		
Decachlorobiphenyl	1.73	1.72312
Tetrachloro-m-xylene	1.79	1.72951

**B028724-BS2**

## LCS

Analyte	Results	%RPD
Aroclor-1016	0.43	0.4821
Aroclor-1260	0.42	0.44608
<b>Surrogates</b>		
Decachlorobiphenyl	1.71	1.74708
Tetrachloro-m-xylene	1.52	1.51669

**B028724-BS3**

## LCS

Analyte	Results	%RPD
Aroclor-1016	0.49	0.53971
Aroclor-1260	0.45	0.47526
<b>Surrogates</b>		
Decachlorobiphenyl	1.70	1.73983
Tetrachloro-m-xylene	1.67	1.66064

**B028724-BSD1**

## LCS Dup

Analyte	Results	%RPD
Aroclor-1016	0.49	0.53328
Aroclor-1260	0.44	0.47146
<b>Surrogates</b>		
Tetrachloro-m-xylene	1.73	1.70179
Decachlorobiphenyl	1.66	1.66996

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11D0217
Project Location:	Boston, MA	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11D0217-01 thru 11D0217-14

Matrices: Product/Solid Water

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.</b>		
<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature: \_\_\_\_\_

Position: Laboratory Manager

Printed Name: \_\_\_\_\_

Daren J. Damboragian

Date: \_\_\_\_\_

04/11/11

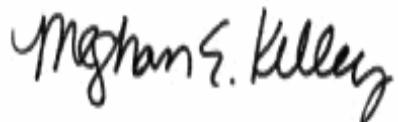
April 12, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: Boston, MA  
Client Job Number:  
Project Number: 223947  
Laboratory Work Order Number: 11D0225

Enclosed are results of analyses for samples received by the laboratory on April 7, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

REPORT DATE: 4/12/2011

Woodard & Curran - Andover MA  
 35 New England Business Center  
 Andover, MA 01810  
 ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11D0225

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Boston, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBS-390	11D0225-01	Soil		SM 2540G SW-846 8082	
125-CBS-392	11D0225-02	Soil		SM 2540G SW-846 8082	
125-CBS-386	11D0225-03	Soil		SM 2540G SW-846 8082	
125-CBS-388	11D0225-04	Soil		SM 2540G SW-846 8082	
125-CBS-384	11D0225-05	Soil		SM 2540G SW-846 8082	
125-CBS-382	11D0225-06	Soil		SM 2540G SW-846 8082	
125-CBS-380	11D0225-07	Soil		SM 2540G SW-846 8082	
125-CBS-378	11D0225-08	Soil		SM 2540G SW-846 8082	
125-CBS-374	11D0225-09	Soil		SM 2540G SW-846 8082	
125-CBSD-375	11D0225-10	Soil		SM 2540G SW-846 8082	
125-CBS-372	11D0225-11	Soil		SM 2540G SW-846 8082	
125-CBSQ-377	11D0225-12	Water		SW-846 8082	
125-CBS-368	11D0225-13	Soil		SM 2540G SW-846 8082	
125-CBS-370	11D0225-14	Soil		SM 2540G SW-846 8082	
125-CBS-364	11D0225-15	Soil		SM 2540G SW-846 8082	
125-CBS-366	11D0225-16	Soil		SM 2540G SW-846 8082	
125-CBS-362	11D0225-17	Soil		SM 2540G SW-846 8082	
125-CBS-360	11D0225-18	Soil		SM 2540G SW-846 8082	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

**SW-846 8082**

**Qualifications:**

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

**Analyte & Samples(s) Qualified:**

**Aroclor-1260, Aroclor-1260 [2C]**

B028762-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

**Analyte & Samples(s) Qualified:**

**Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]**

11D0225-07RE1[125-CBS-380], 11D0225-10RE1[125-CBSD-375], 11D0225-18RE1[125-CBS-360]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-390

Sampled: 4/7/2011 09:45

**Sample ID:** 11D0225-01

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Aroclor-1221 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Aroclor-1232 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Aroclor-1242 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Aroclor-1248 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Aroclor-1254 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Aroclor-1260 [2]	1.2	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Aroclor-1262 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Aroclor-1268 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:27	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	103	30-150						4/12/11 14:27	
Decachlorobiphenyl [2]	107	30-150						4/12/11 14:27	
Tetrachloro-m-xylene [1]	105	30-150						4/12/11 14:27	
Tetrachloro-m-xylene [2]	116	30-150						4/12/11 14:27	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-390

Sampled: 4/7/2011 09:45

**Sample ID:** 11D0225-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.3		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-392

Sampled: 4/7/2011 09:50

**Sample ID:** 11D0225-02

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Aroclor-1221 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Aroclor-1232 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Aroclor-1242 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Aroclor-1248 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Aroclor-1254 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Aroclor-1260 [2]	0.34	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Aroclor-1262 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Aroclor-1268 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:04	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	91.7	30-150							4/12/11 17:04
Decachlorobiphenyl [2]	96.5	30-150							4/12/11 17:04
Tetrachloro-m-xylene [1]	94.8	30-150							4/12/11 17:04
Tetrachloro-m-xylene [2]	99.1	30-150							4/12/11 17:04

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

Sampled: 4/7/2011 09:50

**Field Sample #:** 125-CBS-392

**Sample ID:** 11D0225-02

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	65.0		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-386

Sampled: 4/7/2011 10:15

**Sample ID:** 11D0225-03

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Aroclor-1254 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Aroclor-1260 [2]	3.7	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:58	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		111	30-150					4/12/11 14:58	
Decachlorobiphenyl [2]		115	30-150					4/12/11 14:58	
Tetrachloro-m-xylene [1]		107	30-150					4/12/11 14:58	
Tetrachloro-m-xylene [2]		118	30-150					4/12/11 14:58	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-386

Sampled: 4/7/2011 10:15

**Sample ID:** 11D0225-03

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-388

Sampled: 4/7/2011 10:30

**Sample ID:** 11D0225-04

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Aroclor-1254 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Aroclor-1260 [2]	0.77	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:13	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		84.9	30-150					4/12/11 15:13	
Decachlorobiphenyl [2]		88.5	30-150					4/12/11 15:13	
Tetrachloro-m-xylene [1]		102	30-150					4/12/11 15:13	
Tetrachloro-m-xylene [2]		112	30-150					4/12/11 15:13	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

Sampled: 4/7/2011 10:30

**Field Sample #:** 125-CBS-388

**Sample ID:** 11D0225-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-384

Sampled: 4/7/2011 10:46

**Sample ID:** 11D0225-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Aroclor-1260 [2]	0.50	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:19	PJG
Surrogates	% Recovery	Recovery Limits		Flag					
Decachlorobiphenyl [1]	103	30-150					4/12/11 17:19		
Decachlorobiphenyl [2]	108	30-150					4/12/11 17:19		
Tetrachloro-m-xylene [1]	101	30-150					4/12/11 17:19		
Tetrachloro-m-xylene [2]	105	30-150					4/12/11 17:19		

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-384

Sampled: 4/7/2011 10:46

**Sample ID:** 11D0225-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-382

Sampled: 4/7/2011 10:50

**Sample ID:** 11D0225-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Aroclor-1254 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Aroclor-1260 [2]	0.69	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 15:45	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		109	30-150					4/12/11 15:45	
Decachlorobiphenyl [2]		114	30-150					4/12/11 15:45	
Tetrachloro-m-xylene [1]		108	30-150					4/12/11 15:45	
Tetrachloro-m-xylene [2]		118	30-150					4/12/11 15:45	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

Sampled: 4/7/2011 10:50

**Field Sample #:** 125-CBS-382

**Sample ID:** 11D0225-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-380

Sampled: 4/7/2011 10:59

**Sample ID:** 11D0225-07

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Aroclor-1221 [1]	ND	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Aroclor-1232 [1]	ND	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Aroclor-1242 [1]	ND	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Aroclor-1248 [1]	ND	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Aroclor-1254 [1]	ND	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Aroclor-1260 [2]	37	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Aroclor-1262 [1]	ND	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Aroclor-1268 [1]	ND	4.7	mg/Kg dry	40		SW-846 8082	4/11/11	4/12/11 16:00	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01			4/12/11 16:00	
Decachlorobiphenyl [2]	*		30-150		S-01			4/12/11 16:00	
Tetrachloro-m-xylene [1]	*		30-150		S-01			4/12/11 16:00	
Tetrachloro-m-xylene [2]	*		30-150		S-01			4/12/11 16:00	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-380

Sampled: 4/7/2011 10:59

**Sample ID:** 11D0225-07

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.2		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-378

Sampled: 4/7/2011 11:01

**Sample ID:** 11D0225-08

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Aroclor-1221 [1]	ND	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Aroclor-1232 [1]	ND	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Aroclor-1242 [1]	ND	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Aroclor-1248 [1]	ND	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Aroclor-1254 [1]	ND	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Aroclor-1260 [2]	2.1	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Aroclor-1262 [1]	ND	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Aroclor-1268 [1]	ND	0.47	mg/Kg dry	4		SW-846 8082	4/11/11	4/12/11 17:35	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		108	30-150					4/12/11 17:35	
Decachlorobiphenyl [2]		112	30-150					4/12/11 17:35	
Tetrachloro-m-xylene [1]		104	30-150					4/12/11 17:35	
Tetrachloro-m-xylene [2]		116	30-150					4/12/11 17:35	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-378

Sampled: 4/7/2011 11:01

**Sample ID:** 11D0225-08

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-374

Sampled: 4/7/2011 11:10

**Sample ID:** 11D0225-09

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Aroclor-1221 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Aroclor-1232 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Aroclor-1242 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Aroclor-1248 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Aroclor-1254 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Aroclor-1260 [2]	2.9	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Aroclor-1262 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Aroclor-1268 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 16:31	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	84.2	30-150						4/12/11 16:31	
Decachlorobiphenyl [2]	86.7	30-150						4/12/11 16:31	
Tetrachloro-m-xylene [1]	97.9	30-150						4/12/11 16:31	
Tetrachloro-m-xylene [2]	109	30-150						4/12/11 16:31	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-374

Sampled: 4/7/2011 11:10

**Sample ID:** 11D0225-09

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.0		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBSD-375

Sampled: 4/7/2011 11:12

**Sample ID:** 11D0225-10

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Aroclor-1260 [2]	4.3	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082	4/11/11	4/12/11 16:48	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		*	30-150		S-01			4/12/11 16:48	
Decachlorobiphenyl [2]		*	30-150		S-01			4/12/11 16:48	
Tetrachloro-m-xylene [1]		*	30-150		S-01			4/12/11 16:48	
Tetrachloro-m-xylene [2]		*	30-150		S-01			4/12/11 16:48	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBSD-375

Sampled: 4/7/2011 11:12

**Sample ID:** 11D0225-10

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-372

Sampled: 4/7/2011 11:19

**Sample ID:** 11D0225-11

**Sample Matrix:** Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Aroclor-1260 [2]	0.33	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 16:54	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		93.5	30-150					4/12/11 16:54	
Decachlorobiphenyl [2]		119	30-150					4/12/11 16:54	
Tetrachloro-m-xylene [1]		93.8	30-150					4/12/11 16:54	
Tetrachloro-m-xylene [2]		102	30-150					4/12/11 16:54	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-372

Sampled: 4/7/2011 11:19

**Sample ID:** 11D0225-11

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.8		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBSQ-377

Sampled: 4/7/2011 11:28

**Sample ID:** 11D0225-12

Sample Matrix: Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	4/11/11	4/11/11 14:44	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	62.8	30-150							4/11/11 14:44
Decachlorobiphenyl [2]	64.2	30-150							4/11/11 14:44
Tetrachloro-m-xylene [1]	83.5	30-150							4/11/11 14:44
Tetrachloro-m-xylene [2]	83.6	30-150							4/11/11 14:44

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-368

Sampled: 4/7/2011 11:31

**Sample ID:** 11D0225-13

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:07	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	90.0	30-150						4/12/11 17:07	
Decachlorobiphenyl [2]	116	30-150						4/12/11 17:07	
Tetrachloro-m-xylene [1]	94.0	30-150						4/12/11 17:07	
Tetrachloro-m-xylene [2]	102	30-150						4/12/11 17:07	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-368

Sampled: 4/7/2011 11:31

**Sample ID:** 11D0225-13

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.4		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-370

Sampled: 4/7/2011 11:30

**Sample ID:** 11D0225-14

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Aroclor-1221 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Aroclor-1232 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Aroclor-1242 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Aroclor-1248 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Aroclor-1254 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Aroclor-1260 [2]	1.6	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Aroclor-1262 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Aroclor-1268 [1]	ND	0.56	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:00	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	110		30-150					4/12/11 14:00	
Decachlorobiphenyl [2]	147		30-150					4/12/11 14:00	
Tetrachloro-m-xylene [1]	104		30-150					4/12/11 14:00	
Tetrachloro-m-xylene [2]	115		30-150					4/12/11 14:00	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-370

Sampled: 4/7/2011 11:30

**Sample ID:** 11D0225-14

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-364

Sampled: 4/7/2011 11:39

**Sample ID:** 11D0225-15

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Aroclor-1260 [2]	0.32	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:22	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	87.5	30-150							4/12/11 17:22
Decachlorobiphenyl [2]	111	30-150							4/12/11 17:22
Tetrachloro-m-xylene [1]	91.3	30-150							4/12/11 17:22
Tetrachloro-m-xylene [2]	99.8	30-150							4/12/11 17:22

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

Sampled: 4/7/2011 11:39

**Field Sample #:** 125-CBS-364

**Sample ID:** 11D0225-15

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-366

Sampled: 4/7/2011 11:45

**Sample ID:** 11D0225-16

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Aroclor-1260 [1]	0.34	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/11/11	4/12/11 17:36	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		91.5	30-150					4/12/11 17:36	
Decachlorobiphenyl [2]		118	30-150					4/12/11 17:36	
Tetrachloro-m-xylene [1]		94.9	30-150					4/12/11 17:36	
Tetrachloro-m-xylene [2]		105	30-150					4/12/11 17:36	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-366

Sampled: 4/7/2011 11:45

**Sample ID:** 11D0225-16

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.3		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-362

Sampled: 4/7/2011 11:58

**Sample ID:** 11D0225-17

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Aroclor-1221 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Aroclor-1232 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Aroclor-1242 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Aroclor-1248 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Aroclor-1254 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Aroclor-1260 [2]	1.7	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Aroclor-1262 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Aroclor-1268 [1]	ND	0.54	mg/Kg dry	5		SW-846 8082	4/11/11	4/12/11 14:44	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		97.0	30-150					4/12/11 14:44	
Decachlorobiphenyl [2]		120	30-150					4/12/11 14:44	
Tetrachloro-m-xylene [1]		91.0	30-150					4/12/11 14:44	
Tetrachloro-m-xylene [2]		102	30-150					4/12/11 14:44	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-362

Sampled: 4/7/2011 11:58

**Sample ID:** 11D0225-17

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.8		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-360

Sampled: 4/7/2011 11:58

**Sample ID:** 11D0225-18

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Aroclor-1254 [1]	ND	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Aroclor-1260 [2]	6.9	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	20		SW-846 8082	4/11/11	4/12/11 17:51	PJG
Surrogates	% Recovery	Recovery Limits		Flag					
Decachlorobiphenyl [1]	*	30-150		S-01					4/12/11 17:51
Decachlorobiphenyl [2]	*	30-150		S-01					4/12/11 17:51
Tetrachloro-m-xylene [1]	*	30-150		S-01					4/12/11 17:51
Tetrachloro-m-xylene [2]	*	30-150		S-01					4/12/11 17:51

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0225

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-360

Sampled: 4/7/2011 11:58

**Sample ID:** 11D0225-18

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.6		% Wt	1		SM 2540G	4/7/11	4/10/11 15:52	VAF

**Sample Extraction Data**
**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
11D0225-01 [125-CBS-390]	B028589	04/07/11
11D0225-02 [125-CBS-392]	B028589	04/07/11
11D0225-03 [125-CBS-386]	B028589	04/07/11
11D0225-04 [125-CBS-388]	B028589	04/07/11
11D0225-05 [125-CBS-384]	B028589	04/07/11
11D0225-06 [125-CBS-382]	B028589	04/07/11
11D0225-07 [125-CBS-380]	B028589	04/07/11
11D0225-08 [125-CBS-378]	B028589	04/07/11
11D0225-09 [125-CBS-374]	B028589	04/07/11
11D0225-10 [125-CBSD-375]	B028589	04/07/11
11D0225-11 [125-CBS-372]	B028589	04/07/11
11D0225-13 [125-CBS-368]	B028589	04/07/11
11D0225-14 [125-CBS-370]	B028589	04/07/11
11D0225-15 [125-CBS-364]	B028589	04/07/11
11D0225-16 [125-CBS-366]	B028589	04/07/11
11D0225-17 [125-CBS-362]	B028589	04/07/11
11D0225-18 [125-CBS-360]	B028589	04/07/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0225-01RE1 [125-CBS-390]	B028762	10.1	50.0	04/11/11
11D0225-02RE1 [125-CBS-392]	B028762	10.1	50.0	04/11/11
11D0225-03RE1 [125-CBS-386]	B028762	10.0	50.0	04/11/11
11D0225-04RE1 [125-CBS-388]	B028762	10.0	50.0	04/11/11
11D0225-05RE1 [125-CBS-384]	B028762	10.2	50.0	04/11/11
11D0225-06RE1 [125-CBS-382]	B028762	10.0	50.0	04/11/11
11D0225-07RE1 [125-CBS-380]	B028762	10.1	50.0	04/11/11
11D0225-08RE1 [125-CBS-378]	B028762	10.0	50.0	04/11/11
11D0225-09RE1 [125-CBS-374]	B028762	10.2	50.0	04/11/11
11D0225-10RE1 [125-CBSD-375]	B028762	10.1	50.0	04/11/11
11D0225-11RE1 [125-CBS-372]	B028762	10.1	50.0	04/11/11
11D0225-13RE1 [125-CBS-368]	B028762	10.2	50.0	04/11/11
11D0225-14RE1 [125-CBS-370]	B028762	10.0	50.0	04/11/11
11D0225-15RE1 [125-CBS-364]	B028762	10.3	50.0	04/11/11
11D0225-16RE1 [125-CBS-366]	B028762	10.1	50.0	04/11/11
11D0225-17RE1 [125-CBS-362]	B028762	10.0	50.0	04/11/11
11D0225-18RE1 [125-CBS-360]	B028762	10.2	50.0	04/11/11

**Prep Method: SW-846 3510C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11D0225-12 [125-CBSQ-377]	B028724	1000	10.0	04/11/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028724 - SW-846 3510C**

<b>Blank (B028724-BLK1)</b>					Prepared & Analyzed: 04/11/11					
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	1.65		µg/L	2.00		82.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.63		µg/L	2.00		81.5	30-150			
Surrogate: Tetrachloro-m-xylene	1.78		µg/L	2.00		89.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.73		µg/L	2.00		86.3	30-150			

<b>LCS (B028724-BS1) LCS (IDOC 1 MFT)</b>					Prepared & Analyzed: 04/11/11					
Aroclor-1016	0.48	0.20	µg/L	0.500		96.6	40-140			
Aroclor-1016 [2C]	0.52	0.20	µg/L	0.500		104	40-140			
Aroclor-1260	0.46	0.20	µg/L	0.500		91.5	40-140			
Aroclor-1260 [2C]	0.48	0.20	µg/L	0.500		96.5	40-140			
Surrogate: Decachlorobiphenyl	1.73		µg/L	2.00		86.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.72		µg/L	2.00		86.2	30-150			
Surrogate: Tetrachloro-m-xylene	1.79		µg/L	2.00		89.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.73		µg/L	2.00		86.5	30-150			

<b>LCS Dup (B028724-BSD1) LCS Dup (IDOC 2 MFT)</b>					Prepared & Analyzed: 04/11/11					
Aroclor-1016	0.49	0.20	µg/L	0.500		97.0	40-140	0.438	20	
Aroclor-1016 [2C]	0.53	0.20	µg/L	0.500		107	40-140	2.71	20	
Aroclor-1260	0.44	0.20	µg/L	0.500		89.0	40-140	2.78	20	
Aroclor-1260 [2C]	0.47	0.20	µg/L	0.500		94.3	40-140	2.35	20	
Surrogate: Decachlorobiphenyl	1.66		µg/L	2.00		83.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.67		µg/L	2.00		83.5	30-150			
Surrogate: Tetrachloro-m-xylene	1.73		µg/L	2.00		86.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.70		µg/L	2.00		85.1	30-150			

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028762 - SW-846 3540C**

<b>Blank (B028762-BLK1)</b>										Prepared: 04/11/11 Analyzed: 04/12/11
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.187		mg/Kg wet	0.200		93.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.191		mg/Kg wet	0.200		95.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.182		mg/Kg wet	0.200		90.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.187		mg/Kg wet	0.200		93.7	30-150			

<b>LCS (B028762-BS1)</b>										Prepared: 04/11/11 Analyzed: 04/12/11
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		114	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		116	40-140			
Surrogate: Decachlorobiphenyl	0.204		mg/Kg wet	0.200		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.209		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	0.190		mg/Kg wet	0.200		94.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.197		mg/Kg wet	0.200		98.6	30-150			

<b>LCS Dup (B028762-BSD1)</b>										Prepared: 04/11/11 Analyzed: 04/12/11
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		101	40-140	2.15	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140	0.549	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		97.2	40-140	3.43	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		111	40-140	4.47	30	
Surrogate: Decachlorobiphenyl	0.190		mg/Kg wet	0.200		94.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.195		mg/Kg wet	0.200		97.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.195		mg/Kg wet	0.200		97.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.203		mg/Kg wet	0.200		101	30-150			

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028762 - SW-846 3540C**

<b>Matrix Spike (B028762-MS1)</b>	<b>Source: 11D0225-01RE1</b>			Prepared: 04/11/11 Analyzed: 04/12/11				
Aroclor-1016	0.25	0.11	mg/Kg dry	0.219	0.0	112	40-140	
Aroclor-1016 [2C]	0.31	0.11	mg/Kg dry	0.219	0.0	140	40-140	
Aroclor-1260	1.2	0.11	mg/Kg dry	0.219	1.1	58.7	40-140	
Aroclor-1260 [2C]	1.3	0.11	mg/Kg dry	0.219	1.2	41.5	40-140	
Surrogate: Decachlorobiphenyl	0.213		mg/Kg dry	0.219		97.1	30-150	
Surrogate: Decachlorobiphenyl [2C]	0.224		mg/Kg dry	0.219		102	30-150	
Surrogate: Tetrachloro-m-xylene	0.218		mg/Kg dry	0.219		99.3	30-150	
Surrogate: Tetrachloro-m-xylene [2C]	0.225		mg/Kg dry	0.219		103	30-150	
<b>Matrix Spike Dup (B028762-MSD1)</b>	<b>Source: 11D0225-01RE1</b>			Prepared: 04/11/11 Analyzed: 04/12/11				
Aroclor-1016	0.24	0.11	mg/Kg dry	0.217	0.0	108	40-140	4.20
Aroclor-1016 [2C]	0.29	0.11	mg/Kg dry	0.217	0.0	132	40-140	6.90
<b>Aroclor-1260</b>	1.1	0.11	mg/Kg dry	0.217	1.1	<b>5.25</b> *	40-140	10.3
<b>Aroclor-1260 [2C]</b>	1.2	0.11	mg/Kg dry	0.217	1.2	<b>-16.7</b> *	40-140	10.1
Surrogate: Decachlorobiphenyl	0.202		mg/Kg dry	0.217		93.3	30-150	
Surrogate: Decachlorobiphenyl [2C]	0.214		mg/Kg dry	0.217		98.7	30-150	
Surrogate: Tetrachloro-m-xylene	0.219		mg/Kg dry	0.217		101	30-150	
Surrogate: Tetrachloro-m-xylene [2C]	0.226		mg/Kg dry	0.217		104	30-150	

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

MS-24 Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

S-01 The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>SW-846 8082 in Soil</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Water</i></b>	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012

## CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 12  
Page 46 of 53

Company Name: Woodward + Curran  
Address: 35 New England Pl., Unit A, Boston, MA 02110  
Sampled By: K. Stevens, J. Ballou, S.A.

Telephone: 978-554-8150  
Project #: 223947

Analysis ID: MA 01810		DATA DELIVERY (check all that apply)	
Attention: A. WOODWARD, C. FRANKLIN, J. MCGEE		<input type="checkbox"/> FAX	<input checked="" type="checkbox"/> EMAIL
Project Location: Boston, MA		<input type="checkbox"/> WEBSITE	
Sampled By: K. Stevens, J. Ballou, S.A.		Email: <u>K.Woodward@woodwardcurran.com</u>	
Project Proposal Provided? (for billing purposes) O Yes _____ proposal date _____		Format: <input checked="" type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> CGIS <input type="checkbox"/> OTHER <u>GASKEY GDB</u>	
		Collection: <input type="checkbox"/> "Enhanced Data Package"	

Con-Test Lab ID Client Sample ID / Description Beginning Ending Composite Date/Time Composite Grab Date Name Done Date

1 125 - CBS - 390 4/7/11 0945 X S A X

2 125 - CBS - 392 4/7/11 0950 X S A X

3 125 - CBS - 396 4/7/11 1015 X S A X

4 125 - CBS - 386 4/7/11 1030 X S A X

5 125 - CBS - 384 4/7/11 1040 X S A X

6 125 - CBS - 382 4/7/11 1050 X S A X

7 125 - CBS - 380 4/7/11 1059 X S A X

8 125 - CBS - 378 4/7/11 1101 X S A X

9 125 - CBS - 379 4/7/11 1110 X S A X

10 125 - CBS - 375 4/7/11 1112 X S A X

Comments: 100-8082 Subject extruding

Reporting limit ≤ 1 mg/L

Relinquished by (signature) K. Stevens Date/Time: 4/7/11 16:00 Turnaround:  7-Day

Received by (signature) J. Ballou Date/Time: 4-7-11 1600 Turnaround:  10-Day

Re-issued by (signature) J. Ballou Date/Time: 4-7-11 1600 Turnaround:  Other \_\_\_\_\_

Received by (signature) K. Stevens Date/Time: 4/7/11 1600 Turnaround:  RUSH <sup>t</sup>

Turnaround time (business days) 60 Date/Time: 4/7/11 1600 Turnaround:  24-Hr  48-Hr

Received by (signature) K. Stevens Date/Time: 4/7/11 1600 Turnaround:  172-Hr  4-Day

Turnaround time (business days) 60 Date/Time: 4/7/11 1600 Turnaround:  Require lab approval Other \_\_\_\_\_

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Cone. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Detection Limit Requirements

Massachusetts: \_\_\_\_\_

Is Your project MCP or RCP?

- MCP Analytical Certification Form Required
- RCP Analysis Certification Form Required
- MA State DW Form Required PWSID # \_\_\_\_\_



NELAC & AIHA Certified  
WEDBE Certified

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

## CHAIN OF CUSTODY RECORD

39 Spruce Street  
East Longmeadow, MA 01028

Page 2A

Company Name: W.M. Ward + Son Inc.  
Address: 35 New England Dr., Lot 1  
Project Location: Andover, MA 01810  
Sampled By: K. Stevens Ic. Delivery, Inc.

Attention: J. Haney, G. Franklin, A. Willard  
Project Proposal Provided? (for billing purposes)  
O yes \_\_\_\_\_ proposal date

Client PO#  
Project #  
DATA DELIVERY (check all that apply)  
O FAX  EMAIL  WEBSITE  
Fax # \_\_\_\_\_  
Email: [andover@cnfinc.com](mailto:andover@cnfinc.com), [franklin@cnfinc.com](mailto:franklin@cnfinc.com)

Format:  
 PDF  EXCEL  ODBC  
 OTHER  GAS  KEY  EDD

Con-Test Lab ID  
(laboratory use only)  
Client Sample ID / Description  
Beginning Date/Time  
Ending Date/Time  
Composite Grab Date  
Matrix Conc. Code

PCBS 125 - CBS - 342	4/7/11	1119	X	S	A	X
125 - CBS - 347	4/7/11	1128	X	S	A	X
125 - CBS - 368	4/7/11	1131	X	S	A	X
125 - CBS - 370	4/7/11	1130	X	S	A	X
125 - CBS - 364	4/7/11	1139	X	S	A	X
125 - CBS - 366	4/7/11	1145	X	S	A	X
125 - CBS - 367	4/7/11	1158	X	S	A	X
125 - CBS - 360	4/7/11	1158	X	S	A	X

Comments:

Soil/KS extraction

PCBS - 80% H2O  
CBS - 80% H2O  
A - 125 - CBS - 300 H2O 2

Please use the following codes to let Con-Test know if a specific sample

may be high in concentration in Matrix/Cone. Code Box:  
R = Relinquished Limit < 1 mg/kg  
H = High; M = Medium; L = Low; C = Clean; U = Unknown

Relinquished by (signature)

Date/Time: 4/7/11 1600

Turnaround

TT

Detection

Limit

Requirements

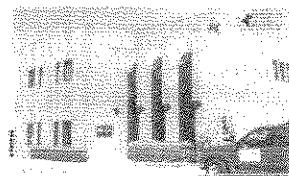
Massachusetts:

Other

Connecticut:

Other

39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
[www.contestlabs.com](http://www.contestlabs.com)



### Sample Receipt Checklist

CLIENT NAME: Woodard + Curran RECEIVED BY: CB DATE: 4/7/11

1) Was the chain(s) of custody relinquished and signed?  Yes  No

2) Does the chain agree with the samples?

If not, explain:

3) Are all the samples in good condition?

If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes  No  N/A

Temperature °C by Temp blank: 6.0 Temperature °C by Temp gun: \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter?

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Yes  No

6) Are there any samples "On Hold"?

Yes  No Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples?

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Yes  No

8) Location where samples are stored:

Permission to subcontract samples? Yes  No

(Walk-in clients only) if not already approved \_\_\_\_\_

Client Signature: \_\_\_\_\_

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	2	8 oz amber/clear jar	6
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	10	2 oz amber/clear jar	2
1 Liter Plastic		Other glass jar	13
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
# Bisulfate \_\_\_\_\_ # Di Water \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes  No  N/A

Do all samples have the proper Base pH: Yes  No  N/A

**11D0225-01RE1**      125-CBS-390

Analyte	Results	%RPD
Aroclor-1260 [2C]	1.2	1.06463
<u>Surrogates</u>		
Decachlorobiphenyl	0.226	0.2340383
Tetrachloro-m-xylene	0.230	0.254871

**11D0225-02RE1**      125-CBS-392

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.34	0.2778979
<u>Surrogates</u>		
Decachlorobiphenyl	0.279	0.2940442
Tetrachloro-m-xylene	0.289	0.301965

**11D0225-03RE1**      125-CBS-386

Analyte	Results	%RPD
Aroclor-1260 [2C]	3.7	3.405674
<u>Surrogates</u>		
Decachlorobiphenyl	0.255	0.2657546
Tetrachloro-m-xylene	0.247	0.272091

**11D0225-04RE1**      125-CBS-388

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.77	0.7208623
<u>Surrogates</u>		
Decachlorobiphenyl	0.196	0.2049768
Tetrachloro-m-xylene	0.237	0.258941

**11D0225-05RE1**      125-CBS-384

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.50	0.4303636
<u>Surrogates</u>		
Decachlorobiphenyl	0.234	0.2469334
Tetrachloro-m-xylene	0.230	0.2387312

**11D0225-06RE1**      125-CBS-382

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.69	0.6125144
<u>Surrogates</u>		
Decachlorobiphenyl	0.251	0.2617952
Tetrachloro-m-xylene	0.247	0.2721807

**11D0225-07RE1**      125-CBS-380

Analyte	Results	%RPD
Aroclor-1260 [2C]	37	33.70734

**11D0225-08RE1**      125-CBS-378

Analyte	Results	%RPD
Aroclor-1260 [2C]	2.1	1.953364
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.243	0.2696624
Decachlorobiphenyl	0.253	0.2610943

**11D0225-09RE1**      125-CBS-374

Analyte	Results	%RPD
Aroclor-1260 [2C]	2.9	2.613426
<u>Surrogates</u>		
Decachlorobiphenyl	0.183	0.18878
Tetrachloro-m-xylene	0.213	0.2371732

<b>11D0225-10RE1</b>	125-CBSD-375		
Analyte	Results	%RPD	
Aroclor-1260 [2C]	4.3	3.867937	10.6

<b>11D0225-11RE1</b>	125-CBS-372		
Analyte	Results	%RPD	
Aroclor-1260 [2C]	0.33	0.3192762	3.3
<b>Surrogates</b>			
Decachlorobiphenyl	0.191	0.2436738	24.2
Tetrachloro-m-xylene	0.192	0.2085907	8.28

<b>11D0225-12</b>	125-CBSQ-377		
Analyte	Results	%RPD	
<b>Surrogates</b>			
Decachlorobiphenyl	1.26	1.28421	1.9
Tetrachloro-m-xylene	1.67	1.67127	0.076

<b>11D0225-13RE1</b>	125-CBS-368		
Analyte	Results	%RPD	
<b>Surrogates</b>			
Tetrachloro-m-xylene	0.193	0.2103013	8.58
Decachlorobiphenyl	0.185	0.2379661	25

<b>11D0225-14RE1</b>	125-CBS-370		
Analyte	Results	%RPD	
Aroclor-1260 [2C]	1.6	1.497697	6.61
<b>Surrogates</b>			
Decachlorobiphenyl	0.248	0.3302809	28.5
Tetrachloro-m-xylene	0.234	0.2586798	10

<b>11D0225-15RE1</b>	125-CBS-364		
Analyte	Results	%RPD	
Aroclor-1260 [2C]	0.32	0.305442	4.66
<b>Surrogates</b>			
Decachlorobiphenyl	0.186	0.2353996	23.4
Tetrachloro-m-xylene	0.194	0.2124053	9.06

<b>11D0225-16RE1</b>	125-CBS-366		
Analyte	Results	%RPD	
Aroclor-1260	0.34	0.3401515	0.0445
<b>Surrogates</b>			
Decachlorobiphenyl	0.194	0.251345	25.8
Tetrachloro-m-xylene	0.202	0.2232763	10

<b>11D0225-17RE1</b>	125-CBS-362		
Analyte	Results	%RPD	
Aroclor-1260 [2C]	1.7	1.621814	4.71
<b>Surrogates</b>			
Decachlorobiphenyl	0.211	0.2618736	21.5
Tetrachloro-m-xylene	0.198	0.2214869	11.2

<b>11D0225-18RE1</b>	125-CBS-360		
Analyte	Results	%RPD	
Aroclor-1260 [2C]	6.9	6.918105	0.262

<b>B028724-BLK1</b>	Blank		
Analyte	Results	%RPD	
<b>Surrogates</b>			
Decachlorobiphenyl	1.65	1.62978	1.23
Tetrachloro-m-xylene	1.78	1.72517	3.13

**B028724-BS1**

## LCS

Analyte	Results		%RPD
Aroclor-1260	0.46	0.48267	4.81
Aroclor-1016	0.48	0.51901	7.81
<u>Surrogates</u>			
Decachlorobiphenyl	1.73	1.72312	0.398
Tetrachloro-m-xylene	1.79	1.72951	3.44

**B028724-BS2**

## LCS

Analyte	Results		%RPD
Aroclor-1260	0.42	0.44608	6.02
Aroclor-1016	0.43	0.4821	11.4
<u>Surrogates</u>			
Decachlorobiphenyl	1.71	1.74708	2.15
Tetrachloro-m-xylene	1.52	1.51669	0.218

**B028724-BS3**

## LCS

Analyte	Results		%RPD
Aroclor-1016	0.49	0.53971	9.66
Aroclor-1260	0.45	0.47526	5.46
<u>Surrogates</u>			
Decachlorobiphenyl	1.70	1.73983	2.32
Tetrachloro-m-xylene	1.67	1.66064	0.562

**B028724-BSD1**

## LCS Dup

Analyte	Results		%RPD
Aroclor-1016	0.49	0.53328	8.46
Aroclor-1260	0.44	0.47146	6.9
<u>Surrogates</u>			
Tetrachloro-m-xylene	1.73	1.70179	1.64
Decachlorobiphenyl	1.66	1.66996	0.598

**B028762-BLK1**

## Blank

Analyte	Results		%RPD
<u>Surrogates</u>			
Decachlorobiphenyl	0.187	0.191415	2.33
Tetrachloro-m-xylene	0.182	0.187405	2.93

**B028762-BS1**

## LCS

Analyte	Results		%RPD
Aroclor-1016	0.21	0.228	8.22
Aroclor-1260	0.20	0.231495	14.6
<u>Surrogates</u>			
Decachlorobiphenyl	0.204	0.2091	2.47
Tetrachloro-m-xylene	0.190	0.19724	3.74

**B028762-BSD1**

## LCS Dup

Analyte	Results		%RPD
Aroclor-1260	0.19	0.221375	15.3
Aroclor-1016	0.20	0.229255	13.6
<u>Surrogates</u>			
Decachlorobiphenyl	0.190	0.195145	2.67
Tetrachloro-m-xylene	0.195	0.20259	3.82

**B028762-MS1**

## Matrix Spike

Analyte	Results		%RPD
Aroclor-1016	0.25	0.3067168	20.4
Aroclor-1260	1.2	1.319299	9.47
<u>Surrogates</u>			
Decachlorobiphenyl	0.213	0.2241099	5.08
Tetrachloro-m-xylene	0.218	0.2249597	3.14

**B028762-MSD1****Matrix Spike Dup**

Analyte	Results		%RPD
Aroclor-1016	0.24	0.286268	17.6
Aroclor-1260	1.1	1.192002	8.03
<b>Surrogates</b>			
Tetrachloro-m-xylene	0.219	0.2263099	3.28
Decachlorobiphenyl	0.202	0.2143183	5.92

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11D0225
Project Location:	Boston, MA	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11D0225-01 thru 11D0225-18

Matrices:                   Soil                   Water

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
----------	---	--

**Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature: \_\_\_\_\_

Position: Laboratory Manager

Printed Name: \_\_\_\_\_

Daren J. Damboragian

Date: \_\_\_\_\_

04/12/11

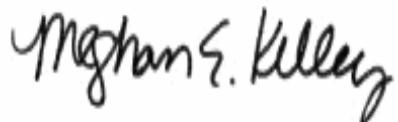
April 12, 2011

Amy Wallace  
Woodard & Curran - Andover MA  
35 New England Business Center  
Andover, MA 01810

Project Location: Boston, MA  
Client Job Number:  
Project Number: 223947  
Laboratory Work Order Number: 11D0238

Enclosed are results of analyses for samples received by the laboratory on April 7, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

Woodard & Curran - Andover MA  
 35 New England Business Center  
 Andover, MA 01810  
 ATTN: Amy Wallace

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 223947

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11D0238

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Boston, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
125-CBSD-394	11D0238-01	Soil		SM 2540G SW-846 8082	
125-CBSQ-395	11D0238-02	Water		SW-846 8082	
125-CBS-387	11D0238-03	Soil		SM 2540G SW-846 8082	
125-CBS-389	11D0238-04	Soil		SM 2540G SW-846 8082	
125-CBS-385	11D0238-05	Soil		SM 2540G SW-846 8082	
125-CBS-383	11D0238-06	Soil		SM 2540G SW-846 8082	
125-CBS-381	11D0238-07	Soil		SM 2540G SW-846 8082	
125-CBS-379	11D0238-08	Soil		SM 2540G SW-846 8082	
125-CBS-373	11D0238-09	Soil		SM 2540G SW-846 8082	
125-CBS-376	11D0238-10	Soil		SM 2540G SW-846 8082	
125-CBS-369	11D0238-11	Soil		SM 2540G SW-846 8082	
125-CBS-371	11D0238-12	Soil		SM 2540G SW-846 8082	
125-CBS-365	11D0238-13	Soil		SM 2540G SW-846 8082	
125-CBS-367	11D0238-14	Soil		SM 2540G SW-846 8082	
125-CBS-363	11D0238-15	Soil		SM 2540G SW-846 8082	
125-CBS-361	11D0238-16	Soil		SM 2540G SW-846 8082	
125-CBS-391	11D0238-17	Soil		SM 2540G SW-846 8082	
125-CBS-393	11D0238-18	Soil		SM 2540G SW-846 8082	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

**SW-846 8082**

**Qualifications:**

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

**Analyte & Samples(s) Qualified:**

**Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]**

B028690-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

**Analyte & Samples(s) Qualified:**

**Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]**

11D0238-06[125-CBS-383], 11D0238-07[125-CBS-381], 11D0238-10[125-CBS-376]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBSD-394

Sampled: 4/7/2011 10:04

**Sample ID:** 11D0238-01

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Aroclor-1260 [2]	0.78	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:26	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		89.1	30-150					4/11/11 14:26	
Decachlorobiphenyl [2]		92.1	30-150					4/11/11 14:26	
Tetrachloro-m-xylene [1]		88.7	30-150					4/11/11 14:26	
Tetrachloro-m-xylene [2]		94.5	30-150					4/11/11 14:26	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

Sampled: 4/7/2011 10:04

**Field Sample #:** 125-CBSD-394

**Sample ID:** 11D0238-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.5		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBSQ-395

Sampled: 4/7/2011 10:05

**Sample ID:** 11D0238-02

Sample Matrix: Water

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	4/12/11	4/12/11 16:11	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		54.1	30-150					4/12/11 16:11	
Decachlorobiphenyl [2]		70.6	30-150					4/12/11 16:11	
Tetrachloro-m-xylene [1]		86.4	30-150					4/12/11 16:11	
Tetrachloro-m-xylene [2]		97.6	30-150					4/12/11 16:11	

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-387

Sampled: 4/7/2011 10:27

**Sample ID:** 11D0238-03

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Aroclor-1260 [1]	0.49	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:40	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		87.2	30-150					4/11/11 14:40	
Decachlorobiphenyl [2]		89.2	30-150					4/11/11 14:40	
Tetrachloro-m-xylene [1]		97.7	30-150					4/11/11 14:40	
Tetrachloro-m-xylene [2]		100	30-150					4/11/11 14:40	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

Sampled: 4/7/2011 10:27

**Field Sample #:** 125-CBS-387

**Sample ID:** 11D0238-03

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.5		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-389

Sampled: 4/7/2011 10:36

**Sample ID:** 11D0238-04

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Aroclor-1254 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Aroclor-1260 [1]	1.5	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	4/8/11	4/11/11 18:17	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	88.1	30-150						4/11/11 18:17	
Decachlorobiphenyl [2]	90.7	30-150						4/11/11 18:17	
Tetrachloro-m-xylene [1]	95.2	30-150						4/11/11 18:17	
Tetrachloro-m-xylene [2]	97.8	30-150						4/11/11 18:17	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-389

Sampled: 4/7/2011 10:36

**Sample ID:** 11D0238-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.6		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-385

Sampled: 4/7/2011 10:55

**Sample ID:** 11D0238-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Aroclor-1260 [1]	1.1	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:07	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	86.2	30-150						4/11/11 15:07	
Decachlorobiphenyl [2]	88.2	30-150						4/11/11 15:07	
Tetrachloro-m-xylene [1]	98.7	30-150						4/11/11 15:07	
Tetrachloro-m-xylene [2]	101	30-150						4/11/11 15:07	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-385

Sampled: 4/7/2011 10:55

**Sample ID:** 11D0238-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-383

Sampled: 4/7/2011 10:56

**Sample ID:** 11D0238-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Aroclor-1221 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Aroclor-1232 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Aroclor-1242 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Aroclor-1248 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Aroclor-1254 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Aroclor-1260 [1]	15	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Aroclor-1262 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Aroclor-1268 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:31	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01				4/11/11 18:31
Decachlorobiphenyl [2]	*		30-150		S-01				4/11/11 18:31
Tetrachloro-m-xylene [1]	*		30-150		S-01				4/11/11 18:31
Tetrachloro-m-xylene [2]	*		30-150		S-01				4/11/11 18:31

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-383

Sampled: 4/7/2011 10:56

**Sample ID:** 11D0238-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.5		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-381

Sampled: 4/7/2011 11:05

**Sample ID:** 11D0238-07

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Aroclor-1221 [1]	ND	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Aroclor-1232 [1]	ND	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Aroclor-1242 [1]	ND	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Aroclor-1248 [1]	ND	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Aroclor-1254 [1]	ND	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Aroclor-1260 [1]	13	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Aroclor-1262 [1]	ND	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Aroclor-1268 [1]	ND	2.4	mg/Kg dry	20		SW-846 8082	4/8/11	4/11/11 18:44	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		*	30-150		S-01			4/11/11 18:44	
Decachlorobiphenyl [2]		*	30-150		S-01			4/11/11 18:44	
Tetrachloro-m-xylene [1]		*	30-150		S-01			4/11/11 18:44	
Tetrachloro-m-xylene [2]		*	30-150		S-01			4/11/11 18:44	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

Sampled: 4/7/2011 11:05

**Field Sample #:** 125-CBS-381

**Sample ID:** 11D0238-07

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-379

Sampled: 4/7/2011 11:15

**Sample ID:** 11D0238-08

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Aroclor-1254 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Aroclor-1260 [1]	2.6	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082	4/8/11	4/11/11 18:58	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	93.4	30-150							4/11/11 18:58
Decachlorobiphenyl [2]	96.5	30-150							4/11/11 18:58
Tetrachloro-m-xylene [1]	105	30-150							4/11/11 18:58
Tetrachloro-m-xylene [2]	112	30-150							4/11/11 18:58

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-379

Sampled: 4/7/2011 11:15

**Sample ID:** 11D0238-08

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-373

Sampled: 4/7/2011 11:23

**Sample ID:** 11D0238-09

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Aroclor-1260 [2]	0.14	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:11	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		91.5	30-150					4/11/11 19:11	
Decachlorobiphenyl [2]		92.4	30-150					4/11/11 19:11	
Tetrachloro-m-xylene [1]		99.0	30-150					4/11/11 19:11	
Tetrachloro-m-xylene [2]		101	30-150					4/11/11 19:11	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

Sampled: 4/7/2011 11:23

**Field Sample #:** 125-CBS-373

**Sample ID:** 11D0238-09

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.7		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-376

Sampled: 4/7/2011 11:20

**Sample ID:** 11D0238-10

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Aroclor-1221 [1]	ND	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Aroclor-1232 [1]	ND	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Aroclor-1242 [1]	ND	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Aroclor-1248 [1]	ND	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Aroclor-1254 [1]	ND	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Aroclor-1260 [1]	15	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Aroclor-1262 [1]	ND	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Aroclor-1268 [1]	ND	2.8	mg/Kg dry	25		SW-846 8082	4/8/11	4/11/11 19:25	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	*		30-150		S-01			4/11/11 19:25	
Decachlorobiphenyl [2]	*		30-150		S-01			4/11/11 19:25	
Tetrachloro-m-xylene [1]	*		30-150		S-01			4/11/11 19:25	
Tetrachloro-m-xylene [2]	*		30-150		S-01			4/11/11 19:25	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-376

Sampled: 4/7/2011 11:20

**Sample ID:** 11D0238-10

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-369

Sampled: 4/7/2011 11:34

**Sample ID:** 11D0238-11

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Aroclor-1260 [1]	0.26	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 19:39	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	93.4		30-150					4/11/11 19:39	
Decachlorobiphenyl [2]	91.7		30-150					4/11/11 19:39	
Tetrachloro-m-xylene [1]	101		30-150					4/11/11 19:39	
Tetrachloro-m-xylene [2]	103		30-150					4/11/11 19:39	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-369

Sampled: 4/7/2011 11:34

**Sample ID:** 11D0238-11

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-371

Sampled: 4/7/2011 11:40

**Sample ID:** 11D0238-12

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Aroclor-1260 [2]	0.20	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 13:59	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		94.7	30-150					4/11/11 13:59	
Decachlorobiphenyl [2]		132	30-150					4/11/11 13:59	
Tetrachloro-m-xylene [1]		93.5	30-150					4/11/11 13:59	
Tetrachloro-m-xylene [2]		99.7	30-150					4/11/11 13:59	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-371

Sampled: 4/7/2011 11:40

**Sample ID:** 11D0238-12

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-365

Sampled: 4/7/2011 11:43

**Sample ID:** 11D0238-13

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Aroclor-1260 [2]	0.28	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:13	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		95.1	30-150					4/11/11 14:13	
Decachlorobiphenyl [2]		120	30-150					4/11/11 14:13	
Tetrachloro-m-xylene [1]		98.0	30-150					4/11/11 14:13	
Tetrachloro-m-xylene [2]		108	30-150					4/11/11 14:13	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-365

Sampled: 4/7/2011 11:43

**Sample ID:** 11D0238-13

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.7		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-367

Sampled: 4/7/2011 11:50

**Sample ID:** 11D0238-14

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:27	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	96.5	30-150							4/11/11 14:27
Decachlorobiphenyl [2]	122	30-150							4/11/11 14:27
Tetrachloro-m-xylene [1]	102	30-150							4/11/11 14:27
Tetrachloro-m-xylene [2]	107	30-150							4/11/11 14:27

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-367

Sampled: 4/7/2011 11:50

**Sample ID:** 11D0238-14

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-363

Sampled: 4/7/2011 12:04

**Sample ID:** 11D0238-15

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 14:42	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		95.6	30-150					4/11/11 14:42	
Decachlorobiphenyl [2]		120	30-150					4/11/11 14:42	
Tetrachloro-m-xylene [1]		101	30-150					4/11/11 14:42	
Tetrachloro-m-xylene [2]		108	30-150					4/11/11 14:42	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

Sampled: 4/7/2011 12:04

**Field Sample #:** 125-CBS-363

Sample ID: 11D0238-15

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-361

Sampled: 4/7/2011 12:36

**Sample ID:** 11D0238-16

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Aroclor-1221 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Aroclor-1232 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Aroclor-1242 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Aroclor-1248 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Aroclor-1254 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Aroclor-1260 [2]	2.9	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Aroclor-1262 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Aroclor-1268 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082	4/8/11	4/11/11 16:23	PJG
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		111	30-150					4/11/11 16:23	
Decachlorobiphenyl [2]		137	30-150					4/11/11 16:23	
Tetrachloro-m-xylene [1]		92.7	30-150					4/11/11 16:23	
Tetrachloro-m-xylene [2]		102	30-150					4/11/11 16:23	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

Sampled: 4/7/2011 12:36

**Field Sample #:** 125-CBS-361

**Sample ID:** 11D0238-16

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.1		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-391

Sampled: 4/7/2011 09:48

**Sample ID:** 11D0238-17

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Aroclor-1260 [2]	0.89	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:10	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	91.0	30-150						4/11/11 15:10	
Decachlorobiphenyl [2]	115	30-150						4/11/11 15:10	
Tetrachloro-m-xylene [1]	97.6	30-150						4/11/11 15:10	
Tetrachloro-m-xylene [2]	104	30-150						4/11/11 15:10	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-391

Sampled: 4/7/2011 09:48

**Sample ID:** 11D0238-17

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.4		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-393

Sampled: 4/7/2011 10:04

**Sample ID:** 11D0238-18

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Aroclor-1260 [1]	0.71	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	4/8/11	4/11/11 15:25	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	95.2	30-150						4/11/11 15:25	
Decachlorobiphenyl [2]	120	30-150						4/11/11 15:25	
Tetrachloro-m-xylene [1]	95.5	30-150						4/11/11 15:25	
Tetrachloro-m-xylene [2]	102	30-150						4/11/11 15:25	

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Project Location: Boston, MA

Sample Description:

Work Order: 11D0238

Date Received: 4/7/2011

**Field Sample #:** 125-CBS-393

Sampled: 4/7/2011 10:04

**Sample ID:** 11D0238-18

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.6		% Wt	1		SM 2540G	4/10/11	4/12/11 9:33	VAF

**Sample Extraction Data**
**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
11D0238-01 [125-CBSD-394]	B028714	04/10/11
11D0238-03 [125-CBS-387]	B028714	04/10/11
11D0238-04 [125-CBS-389]	B028714	04/10/11
11D0238-05 [125-CBS-385]	B028714	04/10/11
11D0238-06 [125-CBS-383]	B028714	04/10/11
11D0238-07 [125-CBS-381]	B028714	04/10/11
11D0238-08 [125-CBS-379]	B028714	04/10/11
11D0238-09 [125-CBS-373]	B028714	04/10/11
11D0238-10 [125-CBS-376]	B028714	04/10/11
11D0238-11 [125-CBS-369]	B028714	04/10/11
11D0238-12 [125-CBS-371]	B028714	04/10/11
11D0238-13 [125-CBS-365]	B028714	04/10/11
11D0238-14 [125-CBS-367]	B028714	04/10/11
11D0238-15 [125-CBS-363]	B028714	04/10/11
11D0238-16 [125-CBS-361]	B028714	04/10/11
11D0238-17 [125-CBS-391]	B028714	04/10/11
11D0238-18 [125-CBS-393]	B028714	04/10/11

**Prep Method: SW-846 3540C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11D0238-01 [125-CBSD-394]	B028690	10.1	50.0	04/08/11
11D0238-03 [125-CBS-387]	B028690	10.0	50.0	04/08/11
11D0238-04 [125-CBS-389]	B028690	10.0	50.0	04/08/11
11D0238-05 [125-CBS-385]	B028690	10.1	50.0	04/08/11
11D0238-06 [125-CBS-383]	B028690	10.2	50.0	04/08/11
11D0238-07 [125-CBS-381]	B028690	10.0	50.0	04/08/11
11D0238-08 [125-CBS-379]	B028690	10.0	50.0	04/08/11
11D0238-09 [125-CBS-373]	B028690	10.1	50.0	04/08/11
11D0238-10 [125-CBS-376]	B028690	10.2	50.0	04/08/11
11D0238-11 [125-CBS-369]	B028690	10.1	50.0	04/08/11
11D0238-12 [125-CBS-371]	B028690	10.2	50.0	04/08/11
11D0238-13 [125-CBS-365]	B028690	10.0	50.0	04/08/11
11D0238-14 [125-CBS-367]	B028690	10.0	50.0	04/08/11
11D0238-15 [125-CBS-363]	B028690	10.1	50.0	04/08/11
11D0238-16 [125-CBS-361]	B028690	10.2	50.0	04/08/11
11D0238-17 [125-CBS-391]	B028690	10.0	50.0	04/08/11
11D0238-18 [125-CBS-393]	B028690	10.0	50.0	04/08/11

**Prep Method: SW-846 3510C-SW-846 8082**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11D0238-02 [125-CBSQ-395]	B028803	1000	10.0	04/12/11

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Batch B028690 - SW-846 3540C**
**Blank (B028690-BLK1)**

Prepared: 04/08/11 Analyzed: 04/11/11

Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.217		mg/Kg wet	0.200		109		30-150		
Surrogate: Decachlorobiphenyl [2C]	0.225		mg/Kg wet	0.200		113		30-150		
Surrogate: Tetrachloro-m-xylene	0.278		mg/Kg wet	0.200		139		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	0.235		mg/Kg wet	0.200		117		30-150		

**LCS (B028690-BS1)**

Prepared: 04/08/11 Analyzed: 04/11/11

Aroclor-1016	0.19	0.10	mg/Kg wet	0.200	96.8	40-140				
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200	99.0	40-140				
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200	98.2	40-140				
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200	96.9	40-140				
Surrogate: Decachlorobiphenyl	0.190		mg/Kg wet	0.200	95.1	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.197		mg/Kg wet	0.200	98.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.207		mg/Kg wet	0.200	103	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.213		mg/Kg wet	0.200	106	30-150				

**LCS Dup (B028690-BSD1)**

Prepared: 04/08/11 Analyzed: 04/11/11

Aroclor-1016	0.16	0.10	mg/Kg wet	0.200	80.0	40-140	19.0	30		
Aroclor-1016 [2C]	0.16	0.10	mg/Kg wet	0.200	81.3	40-140	19.6	30		
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200	94.7	40-140	3.62	30		
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200	93.9	40-140	3.13	30		
Surrogate: Decachlorobiphenyl	0.180		mg/Kg wet	0.200	90.1	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.185		mg/Kg wet	0.200	92.6	30-150				
Surrogate: Tetrachloro-m-xylene	0.149		mg/Kg wet	0.200	74.5	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.152		mg/Kg wet	0.200	75.8	30-150				

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028690 - SW-846 3540C**

Matrix Spike (B028690-MS1)	Source: 11D0238-01		Prepared: 04/08/11 Analyzed: 04/11/11						
Aroclor-1016	0.34	0.12	mg/Kg dry	0.245	0.0	139	40-140		
Aroclor-1016 [2C]	0.31	0.12	mg/Kg dry	0.245	0.0	125	40-140		
Aroclor-1260	1.0	0.12	mg/Kg dry	0.245	0.77	103	40-140		
Aroclor-1260 [2C]	1.1	0.12	mg/Kg dry	0.245	0.78	120	40-140		

Surrogate: Decachlorobiphenyl	0.247	mg/Kg dry	0.245	101	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.325	mg/Kg dry	0.245	132	30-150				
Surrogate: Tetrachloro-m-xylene	0.255	mg/Kg dry	0.245	104	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.279	mg/Kg dry	0.245	114	30-150				

Matrix Spike Dup (B028690-MSD1)	Source: 11D0238-01		Prepared: 04/08/11 Analyzed: 04/11/11						
<b>Aroclor-1016</b>	0.39	0.12	mg/Kg dry	0.245	0.0	<b>159</b> *	40-140	13.3	50 MS-24
<b>Aroclor-1016 [2C]</b>	0.36	0.12	mg/Kg dry	0.245	0.0	<b>147</b> *	40-140	16.0	50 MS-24
<b>Aroclor-1260</b>	1.2	0.12	mg/Kg dry	0.245	0.77	<b>174</b> *	40-140	15.8	50 MS-24
<b>Aroclor-1260 [2C]</b>	1.2	0.12	mg/Kg dry	0.245	0.78	<b>185</b> *	40-140	14.0	50 MS-24

Surrogate: Decachlorobiphenyl	0.281	mg/Kg dry	0.245	114	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.359	mg/Kg dry	0.245	146	30-150				
Surrogate: Tetrachloro-m-xylene	0.303	mg/Kg dry	0.245	123	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.333	mg/Kg dry	0.245	136	30-150				

**Batch B028803 - SW-846 3510C**

Blank (B028803-BLK1)	Prepared & Analyzed: 04/12/11					
Aroclor-1016	ND	0.20	µg/L			
Aroclor-1016 [2C]	ND	0.20	µg/L			
Aroclor-1221	ND	0.20	µg/L			
Aroclor-1221 [2C]	ND	0.20	µg/L			
Aroclor-1232	ND	0.20	µg/L			
Aroclor-1232 [2C]	ND	0.20	µg/L			
Aroclor-1242	ND	0.20	µg/L			
Aroclor-1242 [2C]	ND	0.20	µg/L			
Aroclor-1248	ND	0.20	µg/L			
Aroclor-1248 [2C]	ND	0.20	µg/L			
Aroclor-1254	ND	0.20	µg/L			
Aroclor-1254 [2C]	ND	0.20	µg/L			
Aroclor-1260	ND	0.20	µg/L			
Aroclor-1260 [2C]	ND	0.20	µg/L			
Aroclor-1262	ND	0.20	µg/L			
Aroclor-1262 [2C]	ND	0.20	µg/L			
Aroclor-1268	ND	0.20	µg/L			
Aroclor-1268 [2C]	ND	0.20	µg/L			
Surrogate: Decachlorobiphenyl	1.29	µg/L	2.00	64.3	30-150	
Surrogate: Decachlorobiphenyl [2C]	1.69	µg/L	2.00	84.4	30-150	
Surrogate: Tetrachloro-m-xylene	1.50	µg/L	2.00	74.9	30-150	
Surrogate: Tetrachloro-m-xylene [2C]	1.70	µg/L	2.00	85.0	30-150	

**QUALITY CONTROL**
**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028803 - SW-846 3510C**

<b>LCS (B028803-BS1)</b>									
Prepared & Analyzed: 04/12/11									
Aroclor-1016	0.50	0.20	µg/L	0.500	99.9	40-140			
Aroclor-1016 [2C]	0.48	0.20	µg/L	0.500	96.4	40-140			
Aroclor-1260	0.49	0.20	µg/L	0.500	98.1	40-140			
Aroclor-1260 [2C]	0.48	0.20	µg/L	0.500	95.2	40-140			
Surrogate: Decachlorobiphenyl	1.82		µg/L	2.00	90.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.13		µg/L	2.00	107	30-150			
Surrogate: Tetrachloro-m-xylene	1.67		µg/L	2.00	83.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.89		µg/L	2.00	94.6	30-150			
<b>LCS Dup (B028803-BSD1)</b>									
Prepared & Analyzed: 04/12/11									
Aroclor-1016	0.49	0.20	µg/L	0.500	98.8	40-140	1.07	20	
Aroclor-1016 [2C]	0.49	0.20	µg/L	0.500	97.3	40-140	0.900	20	
Aroclor-1260	0.48	0.20	µg/L	0.500	96.4	40-140	1.73	20	
Aroclor-1260 [2C]	0.49	0.20	µg/L	0.500	97.0	40-140	1.86	20	
Surrogate: Decachlorobiphenyl	1.55		µg/L	2.00	77.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.04		µg/L	2.00	102	30-150			
Surrogate: Tetrachloro-m-xylene	1.59		µg/L	2.00	79.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.78		µg/L	2.00	89.2	30-150			

**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	Limit Notes
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**Batch B028714 - % Solids**

<b>Duplicate (B028714-DUP5)</b>	<b>Source: 11D0238-06</b>		Prepared: 04/10/11 Analyzed: 04/12/11					
% Solids	85.0		% Wt		89.5		5.16	20
<b>Duplicate (B028714-DUP6)</b>	<b>Source: 11D0238-17</b>		Prepared: 04/10/11 Analyzed: 04/12/11					
% Solids	90.3		% Wt		92.4		2.30	20

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

MS-24 Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

S-01 The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>SW-846 8082 in Soil</i></b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<b><i>SW-846 8082 in Water</i></b>	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012

**CHAIN OF CUSTODY RECORD**39 Spruce Street  
East Longmeadow, MA 01028Page 29  
3
**contest**<sup>®</sup>  
 ANALYTICAL LABORATORY  
 www.contestlabs.com

 Project # 1107-38  
 Client PO#  
 DATA DELIVERY (check all that apply)  
 FAX  
 EMAIL  
 WEBSITE

 Format:  
 PDF  
 EXCEL  
 OGIS XML  
 OTHER ENCL ECID

"Enhanced Data Package"

Con-Test Lab ID	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab Date	Mark	Part Code	PCBS	8082
-01	125 - CBS - 324	4/7/11	10:04	X	S	A	X		
-02	125 - CBS QR - 395	4/7/11	10:05	X	W	A	X		
-03	125 - CBS - 384	4/7/11	10:27	X	S	A	X		
-04	125 - CBS - 382	4/7/11	10:36	X	S	A	X		
-05	125 - CBS - 385	4/7/11	10:55	X	S	A	X		
-06	125 - CBS - 383	4/7/11	10:56	X	S	A	X		
-07	125 - CBS - 381	4/7/11	11:05	X	S	A	X		
-08	125 - CBS - 349	4/7/11	11:15	X	S	A	X		
-09	125 - CBS - 343	4/7/11	11:23	X	S	A	X		
-10	125 - CBS - 346	4/7/11	11:20	X	S	A	X		

 S=summary can  
 T=tstellar bag  
 O=Other

 \*\*Preservation  
 I=Ice  
 H=HCl  
 M=Methanol

 N = Nitric Acid  
 S = Sulfuric Acid  
 B = Sodium bisulfate  
 X = Na hydroxide  
 T = Na thiosulfate  
 O = Other

 \*Matrix Codes:  
 GW=groundwater  
 WW=wastewater  
 DW=drinking water

 A = air  
 S = soil/solid  
 SL = sludge  
 O = other

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 13 of 2  
3

Company Name: <u>WILKINS &amp; CUTTER</u>	Telephone: <u>(978) 554-8150</u>
Address: <u>35 New England Dr. RR</u>	Project #: <u>12394</u>
Attention: <u>J. Hause, C. Franklin, A. Wallace</u>	
Project Location: <u>Boston, MA</u>	
Sampled By: <u>K. Stevens, K. Devereux, J. Pellegrino</u>	
Project Proposal Provided? (for billing purposes)	
O Yes _____ proposal date _____	

Con-Test Lab ID	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab Date	Mark	Part Code	PCBS	8082
-01	125 - CBS - 324	4/7/11	10:04	X	S	A	X		
-02	125 - CBS QR - 395	4/7/11	10:05	X	W	A	X		
-03	125 - CBS - 384	4/7/11	10:27	X	S	A	X		
-04	125 - CBS - 382	4/7/11	10:36	X	S	A	X		
-05	125 - CBS - 385	4/7/11	10:55	X	S	A	X		
-06	125 - CBS - 383	4/7/11	10:56	X	S	A	X		
-07	125 - CBS - 381	4/7/11	11:05	X	S	A	X		
-08	125 - CBS - 349	4/7/11	11:15	X	S	A	X		
-09	125 - CBS - 343	4/7/11	11:23	X	S	A	X		
-10	125 - CBS - 346	4/7/11	11:20	X	S	A	X		

Comments: PCBS - 8082 Soil test Evaluation, Hold

Reporting Limit ≤ 4 mg/kg

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Cone. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by (signature) J. Hause Reporting Limit ≤ 4 mg/kg

Date/Time: 4/7/11 1600 Turnaround 7-Day Detection Limit Requirements

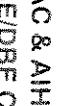
Relinquished by (signature) K. Stevens Date/Time: 4/7/11 1600 10-Day Other \_\_\_\_\_

Relinquished by (signature) K. Devereux Date/Time: 4/7/11 1800 RUSH<sup>†</sup> Other \_\_\_\_\_

Received by (signature) J. Pellegrino Date/Time: 4/7/11 1800  24-Hr  48-Hr  72-Hr  4-Day <sup>†</sup>Require lab approval Other \_\_\_\_\_

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



Is your project MCP or RCP?

MCP Analytical Certification Form Required

RCP Analysis Certification Form Required

MA State DW Form Required PWSID #

Connecticut \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

1/28

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## CHAIN OF CUSTODY RECORD

39 Spruce Street  
 East Longmeadow, MA 01028

2B OF 2  
 Page 370

Company Name: WESCOR & LUMA  
 Address: 35 New England Drs. Inc.  
 Project Location: PESCHER, MA  
 Sampled By: E. STEVENS, K. DEDMOND, J. VITALE

Attention: J. HANCOCK, A. WILLIAMS, K. M. G. FRANCIS  
 Project Location: PESCHER, MA  
 Project Proposal Provided? (for billing purposes)  
 O yes \_\_\_\_\_ proposal date \_\_\_\_\_

Con-Test Lab ID (laboratory use only)

Collection

"Enhanced Data Package"

Project #

DATA DELIVERY (check all that apply)

O FAX

Q EMAIL

Q WEBSITE

Format:

Q RDF

Q EXCEL

Q GIS

Q OTHER

Q CISCE YEDB

ANALYSIS REQUESTED

Dissolved

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## Meghan Kelley

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**From:** Amy Wallace [awallace@woodardcurran.com]  
**Sent:** Thursday, April 07, 2011 7:03 PM  
**To:** Meghan Kelley  
**Cc:** Jeff Hamel  
**Subject:** RE: Clarification on today's samples - 125 Western Ave

Hi Meghan -

Sorry - one change to this plan already. As a follow-up to my email below, the samples that should be run on a 48-hour turnaround include all samples on pages 1A, 2A, 1B, 2B, 1C, and 2C. The only samples to be kept on hold until further notice are the 7 soil samples on the "page 1 of 1" chain of custody.

Thank you,  
Amy

-----Original Message-----

**From:** Amy Wallace  
**Sent:** Thursday, April 07, 2011 6:35 PM  
**To:** 'Meghan Kelley'  
**Subject:** Clarification on today's samples - 125 Western Ave

Hi Meghan

I just got copies of the chains from samples collected at 125 Western Ave today, and wanted to send an email to clarify the requested turnaround times for these samples - three of the seven pages include samples that should be placed on hold until further instruction, but I'm not sure this was written very clearly. So, based on the page numbers indicated at the top of these chains, here is how these should be sorted:

Pages 1A and 2A - to be analyzed on 48-hour turnaround

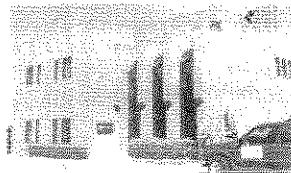
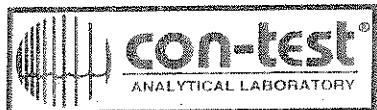
Pages 1B and 2B - to be placed on hold until further instruction from W&C

Pages 1C and 2C - to be analyzed on 48-hour turnaround

Page 1 of 1 (this chain includes a total of 7 samples, after crossouts)  
- to be placed on hold until further instruction from W&C.

Thank you,  
Amy

39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



## Sample Receipt Checklist

CLIENT NAME: Woodland + Curran

RECEIVED BY: CB

DATE: 4/7/11

1) Was the chain(s) of custody relinquished and signed?

Yes

No

2) Does the chain agree with the samples?

If not, explain:

Yes

No

3) Are all the samples in good condition?

If not, explain:

Yes

No

4) How were the samples received:

On Ice

Direct from Sampling

Ambient

In Cooler(s)  4

Were the samples received in Temperature Compliance of (2-6°C)?

Yes

No

N/A

Temperature °C by Temp blank: \_\_\_\_\_ Temperature °C by Temp gun: 5.6 °C

5) Are there Dissolved samples for the lab to filter?

Yes

No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

19

6) Are there any samples "On Hold"?

Yes

No

Stored where:

7) Are there any RUSH or SHORT HOLDING TIME samples?

Yes

No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored:

(9)

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature:

## Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	<u>2</u>	8 oz amber/clear jar	<u>6</u>
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	<u>10</u>	2 oz amber/clear jar	<u>2</u>
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_ Time and Date Frozen:  
# Bisulfate \_\_\_\_\_ # DI Water. \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Do all samples have the proper Acid pH: Yes No N/A

Do all samples have the proper Base pH: Yes No N/A

**11D0238-01****125-CBSD-394**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.78	0.7706068
<u>Surrogates</u>		
Decachlorobiphenyl	0.216	0.223896
Tetrachloro-m-xylene	0.216	0.2295693

**11D0238-02****125-CBSQ-395**

Analyte	Results	%RPD
<u>Surrogates</u>		
Decachlorobiphenyl	1.08	1.41126
Tetrachloro-m-xylene	1.73	1.953

**11D0238-03****125-CBS-387**

Analyte	Results	%RPD
Aroclor-1260	0.49	0.4822457
<u>Surrogates</u>		
Decachlorobiphenyl	0.199	0.2038171
Tetrachloro-m-xylene	0.223	0.2292057

**11D0238-04****125-CBS-389**

Analyte	Results	%RPD
Aroclor-1260	1.5	1.348395
<u>Surrogates</u>		
Decachlorobiphenyl	0.204	0.2093649
Tetrachloro-m-xylene	0.220	0.2259815

**11D0238-05****125-CBS-385**

Analyte	Results	%RPD
Aroclor-1260	1.1	1.041463
<u>Surrogates</u>		
Decachlorobiphenyl	0.195	0.1994383
Tetrachloro-m-xylene	0.223	0.2294351

**11D0238-06****125-CBS-383**

Analyte	Results	%RPD
Aroclor-1260	15	14.41494

**11D0238-07****125-CBS-381**

Analyte	Results	%RPD
Aroclor-1260	13	12.46293

**11D0238-08****125-CBS-379**

Analyte	Results	%RPD
Aroclor-1260	2.6	2.508127
<u>Surrogates</u>		
Tetrachloro-m-xylene	0.238	0.2550284
Decachlorobiphenyl	0.212	0.2191373

**11D0238-09****125-CBS-373**

Analyte	Results	%RPD
Aroclor-1260 [2C]	0.14	0.1387982
<u>Surrogates</u>		
Decachlorobiphenyl	0.187	0.1891785
Tetrachloro-m-xylene	0.203	0.2063542

**11D0238-10****125-CBS-376**

Analyte	Results	%RPD
Aroclor-1260	15	14.99244

**11D0238-11**

125-CBS-369

Analyte	Results		%RPD
Aroclor-1260	0.26	0.2374796	9.05
<u>Surrogates</u>			
Decachlorobiphenyl	0.200	0.1958089	2.12
Tetrachloro-m-xylene	0.216	0.2189646	1.36

**11D0238-12**

125-CBS-371

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.20	0.1860762	7.21
<u>Surrogates</u>			
Decachlorobiphenyl	0.209	0.289805	32.4
Tetrachloro-m-xylene	0.206	0.2196574	6.42

**11D0238-13**

125-CBS-365

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.28	0.2695374	3.81
<u>Surrogates</u>			
Decachlorobiphenyl	0.212	0.2674694	23.1
Tetrachloro-m-xylene	0.219	0.2409922	9.56

**11D0238-14**

125-CBS-367

Analyte	Results		%RPD
<u>Surrogates</u>			
Decachlorobiphenyl	0.220	0.2771957	23
Tetrachloro-m-xylene	0.231	0.2442605	5.58

**11D0238-15**

125-CBS-363

Analyte	Results		%RPD
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.225	0.2413728	7.02
Decachlorobiphenyl	0.213	0.2670375	22.5

**11D0238-16**

125-CBS-361

Analyte	Results		%RPD
Aroclor-1260 [2C]	2.9	2.800541	3.49
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.195	0.2141646	9.37
Decachlorobiphenyl	0.234	0.2882995	20.8

**11D0238-17**

125-CBS-391

Analyte	Results		%RPD
Aroclor-1260 [2C]	0.89	0.8678517	2.52
<u>Surrogates</u>			
Decachlorobiphenyl	0.197	0.2492695	23.4
Tetrachloro-m-xylene	0.211	0.2261742	6.94

**11D0238-18**

125-CBS-393

Analyte	Results		%RPD
Aroclor-1260	0.71	0.6599939	7.3
<u>Surrogates</u>			
Decachlorobiphenyl	0.233	0.2930637	22.8
Tetrachloro-m-xylene	0.234	0.2498652	6.56

**B028690-BLK1**

Blank

Analyte	Results		%RPD
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.278	0.23484	16.8
Decachlorobiphenyl	0.217	0.225135	3.68

**B028690-BS1**

LCS

Analyte	Results		%RPD
---------	---------	--	------

Aroclor-1016	0.19	0.197965	4.11
Aroclor-1260	0.20	0.193705	3.2
<u>Surrogates</u>			
Decachlorobiphenyl	0.190	0.1966	3.41
Tetrachloro-m-xylene	0.207	0.212505	2.62

### B028690-BSD1      LCS Dup

Analyte	Results	%RPD	
Aroclor-1016	0.16	0.162675	
Aroclor-1260	0.19	0.18773	
<u>Surrogates</u>			
Decachlorobiphenyl	0.180	0.185155	
Tetrachloro-m-xylene	0.149	0.15167	

### B028690-MS1      Matrix Spike

Analyte	Results	%RPD	
Aroclor-1016	0.34	0.3076687	
Aroclor-1260	1.0	1.073295	
<u>Surrogates</u>			
Decachlorobiphenyl	0.247	0.324638	
Tetrachloro-m-xylene	0.255	0.2794233	

### B028690-MSD1      Matrix Spike Dup

Analyte	Results	%RPD	
Aroclor-1016	0.39	0.3610491	
Aroclor-1260	1.2	1.234791	
<u>Surrogates</u>			
Tetrachloro-m-xylene	0.303	0.3325522	
Decachlorobiphenyl	0.281	0.3588957	

### B028803-BLK1      Blank

Analyte	Results	%RPD	
<u>Surrogates</u>			
Decachlorobiphenyl	1.29	1.68733	
Tetrachloro-m-xylene	1.50	1.69927	

### B028803-BS1      LCS

Analyte	Results	%RPD	
Aroclor-1016	0.50	0.48214	
Aroclor-1260	0.49	0.47615	
<u>Surrogates</u>			
Decachlorobiphenyl	1.82	2.13225	
Tetrachloro-m-xylene	1.67	1.89279	

### B028803-BSD1      LCS Dup

Analyte	Results	%RPD	
Aroclor-1016	0.49	0.4865	
Aroclor-1260	0.48	0.48511	
<u>Surrogates</u>			
Tetrachloro-m-xylene	1.59	1.78425	
Decachlorobiphenyl	1.55	2.03925	

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	11D0238
Project Location:	Boston, MA	RTN:	

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

11D0238-01 thru 11D0238-18

Matrices:              Soil              Water

**CAM Protocol (check all that below)**

8260 VOC CAM II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A ()	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDEP APH CAM IX A ()
8270 SVOC CAM II B ()	7010 Metals CAM III C ()	MassDEP EPH CAM IV A ()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 VOC CAM IX B ()
6010 Metals CAM III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()	

**Affirmative response to Questions A through F is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E a</b>	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>E b</b>	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions G, H and I below is required for "Presumptive Certainty" status**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
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**Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature: \_\_\_\_\_

Position: Laboratory Manager

Printed Name: \_\_\_\_\_

Daren J. Damboragian

Date: \_\_\_\_\_

04/12/11

# HARVARD 125 WESTERN AVENUE - PROJECT SUMMARY

ConTest Analytical Laboratory Job Number: 11C0501, 11C0882, 11C0884, 11C0991, & 11D0048

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.1, 4.0, 5.3, and 6.0 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria or were diluted out. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank samples 125-CBCQ-095 (11C0501-08), 125-CBSQ-144 (11C0882-45), 125-CBSQ-168 (11C0882-46), 125-CBSQ-307 (11C0882-47), 125-CBSQ-321 (11C0991-14), and 125-CBSQ-145 (11D0048-10) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples 125-CBC-094 (11C0501-07), 125-CBS-100 (11C0882-01), 125-CBS-159 (11C0882-21), 125-CBS-282 (11C0882-41), and 125-CBS-102 (11D0048-01) met acceptance criteria with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MS/MSD/MSD	PCB-1260 (%) MS/MS/MSD/MSD	QUALIFIER
11C0501-07	125-CBC-094	178/198/170/189	OK/OK/OK/OK	None, PCB-1248 interference and sample ND
11C0882-01	125-CBS-100	OK/OK/OK/OK	OK/OK/6.35/10.1	None, high PCB-1260 in sample
11C0882-21	125-CBS-159	OK/OK/OK/OK	-536/-438/-859/-816	None, high PCB-1260 in sample
11C0882-41	125-CBS-282	OK/OK/OK/OK	OK/31.5/OK/9.39	None, high PCB-1260 in sample
11D0048-01	125-CBS-102	OK/OK/OK/OK	-4.59/13.3/OK/OK	None, high PCB-1260 in sample

The PCB laboratory control samples (LCS) and/or laboratory control sample duplicates (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples 125-CBS-130 (11C0882-11)/125-CBSD-131 (11C0882-12), 125-CBS-164 (11C0882-22)/125-CBSD-165 (11C0882-23), 125-CBS-184 (11C0882-29)/125-CBSD-185 (11C0882-30), and 125-CBS-310 (11C0991-03)/125-CBSD-311 (11C0991-04) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria ( $\leq 25\%$ ) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
11C0501-07	125-CBC-094	1248	29.3	J
11C0884-01	125-CBS-192	1254	32.2	J
11C0884-07	125-CBS-232	1254	27.6	J

# HARVARD 125 WESTERN AVENUE - PROJECT SUMMARY

ConTest Analytical Laboratory Job Number: 11C0501, 11C0882, 11C0884, 11C0991, & 11D0048

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
11C0884-08	125-CBS-233	1254	25.1	J
11C0884-09	125-CBS-238	1254	25.8	J
11C0884-12	125-CBS-247	1254	43.3	J
11C0884-19	125-CBS-266	1260	25.6	J

Some samples were analyzed at a dilution due to the high concentration of PCBs present in the sample. Elevated quantitation limits are reported in these samples as a result of the dilution performed.

Data Check, Inc.  
P.O. Box 29  
81 Meaderboro Road  
New Durham, NH 03855

Gloria J. Switalski:  
President

Date: 04/06/2011

# HARVARD 125 WESTERN AVENUE - PROJECT SUMMARY

## ConTest Analytical Laboratory Job Number: 11D0133, 11D0178, & 11D0217

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 3.0, 4.4 and 5.6 degrees Celsius. No qualifications will be applied.

### PCBs:

All polychlorinated biphenyl compound (PCB) and toxicity characteristic leaching procedure (TCLP) PCB samples were digested, extracted, and/or analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank samples 125-CBSQ-346 (11D0178-07) and 125-CBCQ-359 (11D0217-13) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples 125-CBS-195 (11D0133-01) and 125-CBCD-356 (11D0217-10) met acceptance criteria with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MS/MSD/MSD	PCB-1260 (%) MS/MS/MSD/MSD	QUALIFIER
11D0133-01	125-CBS-195	OK/174/OK/176	OK/OK/OK/OK	None, sample ND for PCB-1016

The PCB laboratory control samples (LCS) and/or laboratory control sample duplicates (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples 125-CBS-241 (11D0133-06)/125-CBSD-242 (11D0133-07) and 125-CBC-355 (11D0217-09)/125-CBCD-356 (11D0217-10) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria ( $\leq 25\%$ ) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
11D0133-02	125-CBC-202	1254	37.3	J
11D0133-11	125-CBS-217	1254	28.9	J
11D0178-06	125-CBS-342	1260	32.4	J

One sample was analyzed at a 2-fold dilution due to the high concentration of PCBs present in the sample. Elevated quantitation limits are reported in this sample as a result of the dilution performed.

Data Check, Inc.  
P.O. Box 29  
81 Meaderboro Road  
New Durham, NH 03855

Gloria J. Switalski:  
President

Date: 04/13/2011

**HARVARD 125 WESTERN AVENUE - PROJECT SUMMARY**

**ConTest Analytical Laboratory Job Number: 11D0133, 11D0178, & 11D0217**

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 3.0, 4.4 and 5.6 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) and toxicity characteristic leaching procedure (TCLP) PCB samples were digested, extracted, and/or analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank samples 125-CBSQ-346 (11D0178-07) and 125-CBCQ-359 (11D0217-13) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples 125-CBS-195 (11D0133-01) and 125-CBCD-356 (11D0217-10) met acceptance criteria with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MS/MSD/MSD	PCB-1260 (%) MS/MS/MSD/MSD	QUALIFIER
11D0133-01	125-CBS-195	OK/174/OK/176	OK/OK/OK/OK	None, sample ND for PCB-1016

The PCB laboratory control samples (LCS) and/or laboratory control sample duplicates (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples 125-CBS-241 (11D0133-06)/125-CBSD-242 (11D0133-07) and 125-CBC-355 (11D0217-09)/125-CBCD-356 (11D0217-10) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria ( $\leq 25\%$ ) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
11D0133-02	125-CBC-202	1254	37.3	J
11D0133-11	125-CBS-217	1254	28.9	J
11D0178-06	125-CBS-342	1260	32.4	J

One sample was analyzed at a 2-fold dilution due to the high concentration of PCBs present in the sample. Elevated quantitation limits are reported in this sample as a result of the dilution performed.

Data Check, Inc.  
P.O. Box 29  
81 Meaderboro Road  
New Durham, NH 03855

Gloria J. Switalski:  
President

Date: 04/13/2011

## HARVARD 125 WESTERN AVENUE - PROJECT SUMMARY

### ConTest Analytical Laboratory Job Number: 11D0225 & 11D0238

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 5.6 and 6.0 degrees Celsius. No qualifications will be applied.

#### PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted, and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria or were diluted out. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank samples 125-CBSQ-377 (11D0225-12) and 125-CBSQ-395 (11D0238-02) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples 125-CBS-390 (11D0225-01) and 125-CBSD-394 (11D0238-01) met acceptance criteria with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MS/MSD/MSD	PCB-1260 (%) MS/MS/MSD/MSD	QUALIFIER
11D0225-01	125-CBS-390	OK/OK/OK/OK	OK/OK/5.25/-16.7	None, high PCB-1260 in sample
11D0238-01	125-CBSD-394	OK/OK/159/147	OK/OK/174/185	None, sample ND for PCB-1016 J, PCB-1260

The PCB laboratory control samples (LCS) and/or laboratory control sample duplicates (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples 125-CBS-374 (11D0225-09)/125-CBSD-375 (11D0225-10) and 125-CBSD-394 (11D0238-01)/125-CBS-393 (11D0238-18) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria. No qualifications will be applied.

Several samples were analyzed at a dilution due to the high concentration of PCBs present in the sample. Elevated quantitation limits are reported in these samples as a result of the dilution performed.

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81 Meaderboro Road  
New Durham, NH 03855

Gloria J. Switalski:  
President

Date: 04/13/2011